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U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary

WEATHER BUREAU F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ALABAMA

JANUARY 1949

Volume LV No. 1



ALABAMA - JANUARY, 1949

A. R. Long, Section Director - Montgomery

General Summary

Nearly twice the normal amount of rain fell in the Northern Division this month, but in the Southern Division and much of the Middle Division, totals were nearly 2 inches less than normal. On the 3d to the 5th, general rains gave particularly heavy accumulations along a strip extending from upper Marengo County northeastward through DeKalb and Jackson Counties, and over most of the area north of the Warrior River. At Trafford, at the northern tip of Jefferson County, a total of 9.06 inches was reported for the 48 hour period ending on the morning of the 5th. There were 11.25 inches of rain at Winfield, in lower Marion County, during the 3 day period ending at the same time. After the 5th, sunshine prevailed and there was no rain of consequence until the 17th. From the 17th until the end of the month, precipitation occurred almost daily over much of the north, but was infrequent and light in some southeastern areas and on the coast. Showers on the 17-18th and 21-22d were rather heavy along a strip extending from Lamar County northeastward through Madison County.

On the night of the 30-31st, light snow fell over most of the north, and there was a small amount of sleet and freezing rain in the central and southern portions of the State.

Mild weather this winter has been persistent, and the State mean temperature for January was 7.7° above normal. It was rather cold on the 1st and again on the last 3 days, but otherwise visitations by air cooler than normal were brief and infrequent. Afternoon temperatures were exceptionally high on the 10th and 11th. The majority of Northern Division stations had maximum readings as high as 80° or above, and a maximum of 85° was reported at 4 stations in the Middle and Southern Divisions. The highs of 81° at Birmingham, 83° at the Montgomery City Office, and 83° at Mobile City Office, all on the 11th, were the highest ever recorded at those stations in January, and it is likely that at the majority of substations the highest temperatures this January were higher than any readings in the past three quarters of a century would have been under comparable thermometer exposure conditions.

No severe local wind or hail storms were reported.

Flood stages were equalled or exceeded at nearly all stations in the Alabama watershed and on the Warrior and Tombigbee Rivers, and there was slight flooding in the lower Choctawhatchee. Overflowing on the Warrior was very severe. A stage of 64.4 feet at Tuscaloosa was only 0.02 foot lower than the highest stage ever previously recorded.

The cold weather which began on the 29th gave farmers who were without cold storage facilities the first opportunity of the winter to kill large hogs. The ground remained too wet in the north and in some central areas to begin breaking for spring planting, but elsewhere normal progress was made in farm work. A large portion of the coastal Irish potato crop was planted, and some were coming up as the month ended. Oats, cover and pasture crops, and garden greens, had become rather tender from abnormal growth throughout the winter, but were not hurt by the frosts at the end of the month. Due to the better than normal grazing, as a result of warm weather, cattle continued in correspondingly good condition. It was, however, too wet most of the month for cattle to run on cultivated pasturage in the north.

FCP

TEMPERATURE

The monthly mean temperature for the State, determined from the records of 58 stations, was 54.3°, or 7.7° above the normal. The highest local monthly mean was 60.3° at Robertsdale; the lowest was 47.7° at Madison. The highest temperature recorded was 85° at Bay Minette on the afternoon of the 10th and at 3 other stations on the 11th. The lowest was 15° at Madison on the 30th, making the monthly range for the State 70°.

PRECIPITATION

The monthly average for the State, determined from the records of 57 stations, was 6.58 inches, of 1.51 inches more than the normal. The greatest monthly amount was 18.88 inches at Winfield; the least was 2.09 inches at Robertsdale. The greatest amount of precipitation in any observational day was 6.70 inches at Oneonta measured on the morning of the 5th. Precipitation amounting to 0.01 inch or more fell on an average of 10 days.

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reporduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages—mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to coperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public office, private agencies, and individuals as listed in the Station Index.

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

ALABAMA JANUARY 1949

	Sea lev	el pressure	extremes_in	ches		Wind spe	ed-m. p. h.		Relativ	e humidity	average -	-percent	Sunshine	
Station	Highest	Date	Lowest	Date	Average	Maximum	Direction of maximum	Date of maximum					Percent of possible	Degree days
ANNISTON WB AIRPORT	30.49	29	29.87	27	7.6	32	SE	27	80				-	387
BIRMINGHAN WE AIRPORT	30.51	29	29.84	27	8.8	38	W	18	79				25	393
MOBILE WB CITY	30.47†	29	29.86†	3	12.7	37	SE	18	82†				42	210
NONTGOMERY WB CITY	30.45†	29	29.91†	27	7.6	22	S	18	78†				44	274
† AIRPORT DATA														
					1									

Table 1

COMPARATIVE DATA

	Te	emperatu	re	Pre	ecipitation		Te	mperatu	re .	Pr	ecipitatio	on.		T	emperatu	re	P	recipitatio	on
Year	Average	Highest	Lowest	Average	No. of days	Year	Average	Highest	Lowest	Average		No. of days .01 or more	Year	Average	Highest	Lowest	Average		No. of days
1884 1885 1886 1887 1888	38.8 43.2 37.3 43.5 46.1	74 76 72 77 78	4 7 -7 1 10	5.58 8.77 7.05 4.17 4.76	10 7 6 10	1909 1910 1911 1912 1913	50.4 45.9 50.9 40.8 52.2	82 79 82 79 86	3 7 -2 -6 19	2.09 3.53 4.23 6.03 6.12	11111	7 6 7 8	1934 1935 1936 1937 1938	50.2 48.8 45.7 58.7 48.1	79 81 80 86 81	5 7 -11 22 11	3.71 2.53 12.34 8.54 3.39		9 7 13 16 9
1889 1890 1891 1892 1893	46.0 56.1 45.4 41.4 40.5	81 84 80 77 79	15 17 18 10 -8	6.06 3.13 5.51 7.75 2.68	10 7 11 8 4	1914 1915 1916 1917 1918	48.0 43.7 52.9 50.6 38.2	82 81 84 84 79	16 15 6 13 -17	2.19 6.17 3.97 6.60 7.35		5 9 8 14 10	1939 1940 1941 1942 1943	51.0 34.2 48.1 43.3 49.4	80 75 79 78 85	21 -16 17 0 11	4.81 4.34 2.74 3.37 4.07		10 8 7 6 7
1894 1895 1896 1897 1898	50.1 44.1 44.5 43.0 49.8	82 81 78 83 88	3 1 9 -7 11	4.60 7.41 4.22 3.53 4.04	10 12 7 7 10	1919 1920 1921 1922 1923	44.5 48.0 50.0 47.4 52.1	77 81 79 79 81	-11 10 18 15 23	5.84 6.80 3.23 7.06 4.00		9 12 7 13 8	1944 1945 1946 1947 1948	47.1 46.9 48.4 51.1 40.4	83 77 80 83 77	1 13 11 17	3.62 4.00 8.42 10.07 4.52		8 9 13 16 11
1899 1900 1901 1902 1903	44.8 44.4 46.5 43.6 44.0	81 74 75 76 84	10 6 19 10 10	5.66 3.33 5.20 3.82 3.57	11 6 8 8 8	1924 1925 1926 1927 1928	41.8 48.4 45.3 49.2 45.0	75 82 77 85 81	-2 14 13 4 -2	6.67 9.67 8.23 1.14 1.57		8 12 10 4 5	1949 Period	54.3 46.6	85 88	15 -17	6.58 5.07		
1904 1905 1906 1907 1908	42.1 39.5 47.6 54.7 44.7	73 77 80 84 78	9 1 15 13 10	4.27 5.24 4.66 2.19 4.33	8 8 9 6 9	1929 1930 1931 1932 1933	48.9 46.0 45.0 53.5 52.6	84 82 78 83 81	13 1 11 18 18	5.67 4.45 3.11 7.20 3.17		10 8 6 10 7			- 11				
					1 3 3														

		1		Tempera	ture					,			Precipitati	on		1		
							No. o	í days		_			Snov	v, Sleet, H	ail	N	o. of day	78
Station	Average	Departure from normal	Highest	Dete	Lowest	Date	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground	Date	.01 or more	25 or more	100 or more
NORTHERN DIVISION																		
ALBERTVILLE 1 MILE S ANNISTON WB AIRPORT BIRMINGHAM WB AIRPORT BIRMINGHAM WB CITY	48.2M 54.0M 52.6 52.5 53.5	4.5 9.4 9.7 8.4	77 80 80 81 83	12 10+ 10+ 10	21 18 18 20 23	1+ 1 1 1		10 7 7 7 7 6	9.11 6.19 5.89 11.00 11.61	3.96 1.04 - 5.48 6.09	4.07 2.07 2.10 3.77 5.49	5 5 5 5 5	1.0 T T 1.0 0.5	1 T	31 30 30 31	14 14 11 11 11	8 5 5 8 9	
CORDOVA DECATUR PAYETTE GADSDEN GOODWATER	53.1 50.1 51.5 49.8 53.5	8.1 7.7 6.2 7.8	82 75 84 80 81	11 11 11 11+ 11	17 19 18 18 21	30 1 1		8 8 10 8 7	8.23 12.98 13.49 11.74 5.96	3.04 8.35 8.29 6.56 0.69	2.27 2.78 3.52 5.60 2.09	5 4 5 5	1.0 2.0 3.3 1.3	T 2 2 T	31 31 31 31	9 15 16 11 11	8 9 8 8	
HALEYVILLE HUNTSVILLE LOCK NO 4 MADISON MUSCLE SHOALS	49.6 48.9 51.3 47.7 49.3M	6.2 5.5 7.4	80 77 79 79 80	11 10 11 11 11	19 18 19 15 16	30+ 1 1 30 30		9 9 8 10 7	17.77 8.75 7.76 14.02 10.86	4.02 2.40 9.39 6.00	2.58 1.94 3.48 3.92 3.01	3 3 5 5 3	2.0 2.0 3.0	2 T 3	30 31 30	13 15 9 16 13	9 9 7 10	
ONEONTA ROCK MILLS SCOTTSBORO TALLADEGA TUSCALOOSA AIRPORT	50.4 52.5 50.0 52.8 54.2	7.6 - 7.3 6.7 8.9	80 83 81 80 82	11+ 12 11 11 10	19 23 19 17 20	2 1 1 1		10 20 9 8 7	13.02 4.18 10.90 4.93 6.66	7.76 - 0.82 6.08 0.03 1.59	6.70 1.24 3.85 1.52 1.67	5 31 5 6 4	2.5 T 0.7	2 T	31 30	10 8 14 9 11	8 7 9 5 7	
UNIVERSITY VALLEY HEAD	53.6M 49.2M	8.3	80 77	10+ 11	22 17	1 2		5	7.24 10.84	2.17 5.99	2.05 4.00	4 5	2.0	2 T	30 31	11 11	7 10	
DIVISION	51.3								9.69				1.1					
MIDDLE DIVISION																		
ALEXANDER CITY 6 MILES NE AUBURN CENTREVILLE CLANTON DAYTON	52.3 53.8 - 53.1 56.2	5.6	81 81 82 84 80	11+ 12 25 12	18 22 29 23 25	1 1 31 1 1+		9 5 8 4	5.81 4.08 - 5.48 3.83	- 0.52	2.00 1.51 - 2.08 1.11	5 31 5 5				8 10 10 10	7 5 7 4	
EUFAULA GREENSBORO GREENVILLE HIGHLAND HOME LA FAYETTE	56.4 55.8M 56.3 55.8 54.3	8.1 8.9 7.4 5.7	85 82 83 84 84	12 12 12 12 12	24 22 24 25 23	1 1 1 1 1		5 6 4 4 7	4.89 8.26 3.80 3.89 4.34	0.54 3.31 - 0.71 - 0.82	1.89 4.07 0.84	6 4 31				6 10 9 6 7	6 7 7	
LIVINGSTON MONTGOMERY WB AIRPORT MONTGOMERY WB CITY PRATTVILLE PUSHWATAHA	57.1M 56.2 57.0 54.3 56.5M	8.8 6.1 7.9	82 83 83 81	11 11 11 12	26 29 24	1 1 1		4 3 6	4.56 3.90 4.12 3.64	0:03 -1:08 -1:30	1.39 1.90 1.24	4 4 5	T	T	31	13 12 11 8	5 4 5	
SELMA THOMASVILLE TROY TUSKEGEE UNION SPRINGS	55.7 56.5 56.6 59.3 56.3	6.3 8.0 5.5 10.1 8.2	82 84 83 82 82	12 12 12 11 11	26 22 29 25 26	1 30 1+ 1		4 6 3 2 2	4.51 5.08 3.62 2.23 3.64	- 0.17 0.07 - 1.17 - 2.05 - 0.86	2.12 1.71 0.98 1.10 1.09	5 4 6 31 31	13			8 10 8 6 9	4 5 5 3 6	1
WETUMPKA	54.8	6.1	78	11+	25	1+		4	5.41	0.85	2.58	5				8	4	2
DIVISION	55.7								4.48									
SOUTHERN DIVISION ANDALUSIA ATMORE STATE FARM BAY MINETTE BEEWION 3 MILES SSE CITRONELLE	57.0M 57.9 59.7 58.0 58.7	6.8 8.5 6.2	84 84 85 85 85	12 12 11 12 12	26 27 30 21 28	1 1 30 1 31		3 4 2 6 3	3.80 3.45 3.80 3.78 3.07	- 0.73 - 0.92 - 2.03	1.28 0.81 0.76 1.67 0.60	6 31 4 6 19				7 6 7 10 9	6 6 7 4 7	
DOTHAN CAA AIRPORT EVERGREEN FAIRHOPE FRISCO CITY GENEVA	58.8 57.2M 59.8 57.7 58.4	6.6	83 83 80 85 83	11 12 24 12 12	25 22 29 25 24	1 1 1 1 1 1 1		2 4 3 4 2	5.12 3.81 2.22 4.28 4.21	0.63 - 0.69 - 1.94 - 0.22 - 0.34	1.73 1.07 0.49 1.14 1.44	5 6 5 5				9 8 10 7	5 7 4 7 5	
LOCKHART MOBILE WB AIRPORT MOBILE WB CITY OZARK ROBERTSDALE 7 MILES E	59.3 58.6 59.4 57.0 60.3	7.9 6.2	84 84 83 84 82	12 11 11 12 11	28 28 31 27 31	1 1 31 1 31		3 4 3 4 3	3.40 3.13 2.52 4.94 2.09	- - 2.33 0.49 - 2.62	1.50 0.67 0.93 1.90 0.58	6 17 5 6 6	T			8 12 11 7 11	5 7 5 5 3	2
SPRING HILL	59.3M	7.3	84	12	30	1+		3	3.05	- 1.32	0.92	27				8	5	
DIVISION	58.6								3.54									
STATE	54.3							1	6.58									

Table 3	,																YII												V 140	J.	ANUAR	LABAMA Y 1949
Station	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Y		Month 17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
ABBEVILLE I ADDISON I ADDISON CENTRAL TOWER ALABAMA STATE FARM ALBERTA	R		- 6	5.12	1.23 4 2.09 2 .80 2 2.55 3 1.31									-			.15		.54 1.10 .92 .82		5.71	- 0	.15 1.80 1.52		. 05	.30	.04	.08	.06	.93	.20	14.37 11.52 13.60
ALBERTVILLE 1 MI S ALEXANDER CTV 6 MI NE ALICEVILLE ANDALUSIA ANNISTON			.09	1.81	1.80 1.80 2.07	1.28								.0	1		.25	.13 1.85 .27	.73 .55 .56		.30	.80	.36		.05	. 85		. 58 . 40 . 30 . 52	т	T .19	.10 1.33 .89	9.11 5.81 9.18 3.80
ANNISTON WB AIRPORT ARLEY ASHLAND ASHVILLE ATHENS			.50	2.37 1.95	2.10 1.65 1.33 5.09 3.97	.41								.0:	3		.18	1.29 .45 .21	.67	T 1.05 .37	.06 .05 .09 .18	.03 1.65 .66 2.13	.69	. 02		. 26	.25	.79 1.05		. 91	.07 1.09 .16 1.35	5.89 12.93
ATMORE STATE FARM 2 AUBURN AUBURN 4 AUBURN 4 MILES N AUTAUGAVILLE BARTON		.22	2.40	.02		1.10								T			.67	.49	.77		.08 T	.02	.02			.51	. 56	.35 .37 .34 .85		.23	.53	3.45 4.08 -3.73 4.36 11.68
BAY MINETTE BEATRICE BELOREEN R BERRY R BEXAR 2 MIDES SE R		.04	2.45	.51	.71 .55 1.22 1.55	.06										.6		1.44	1.31		2.42 1.41 2.75	.86 .78 .60	.02		.07	.34	.50 .15 .25	.40	.64	.51 .56 * 1.10 .60		3.80 - 14.29 9.55 12.91
BILLINGSLEY BIRMINGHAM WB APT Z BIRMINGHAM WB CITY BISHOP BOAZ	Т	T .08	.12	.92 1.58	3.77 5.49 1.95 3.42	.96								.01 T	.04	T	.44 .28 1.04	.51 .67 .31 .10	1.25	Т	.08 .76 .18 .30	.10 .80 2.10 .27	.07	T	T T	T .48 .04	.77 .01 .46	.65 .86 .13		.77	.95	4.51 11.00 11.61 13.01 10.97
BRANTLY BREWTON 3 MILES SSE BRIDGEPORT 2 MI W BRUNDIDGE CALERA			.05	T	.30 .35 3.34 .40 3.84	1.67									.01	т	.71	.15 .07 .28 .05	.63 .54 .64 .60		.02 T	1.72	. 60		.02	.02	.11	.55 .51 .25 .37 .27	T .03 T	.30	.68 .24 1.15 .63 1.10	3.56 3.78 11.49 3.23 7.21
CAMPBELL R CARBON HILL CENTER GROVE CENTER STAR CENTREVILLE			.40	1.90	2.70 2.30 2.85	1.36				.10				.11	.10		1.42	.40 .33 1.31 .03		.01 T	.03 .15 .17	1.80 1.70 2.59 .35	.04 .82 .93 .12	.10 T	.01	.03 .20 .17 .40	.26 .30 .10 .64	.20 T			1.11 1.05 1.20 .80 1.25	
CHILDERSBURG CITRONNELLE CLANTON CLAYTON CLAYTON COFFEE SPRINGS COLLINSVILLE				. 41	2.08 .33 .73	.91 .08 .29 1.20 2.12												.01	.63 .60 .60 .50		.31	.06	T	Т			.55	.33	.20	.33	.98 .25 .89 .65	4.45 3.07 5.48 3.06 3.58
COLUMBIA CORDOVA CUBA DADEVILLE DADEVILLE DADEVILLE DADEVILLE			0.6	2.05	1.46	.92 .27 .98									.01		.56	1.30 .22 .69	.81 .43 1.08 .76 .71		.14	.46 1.21 1.02	.40			.56	.10	.80 T .32	.08		1.18	12.77 3.76 8.23 5.63 4.49
DANCY LLE DAY LLE DAY TON DECATUR DECATUR NO 4			.05	.47 1.92 .22 2.47	1.23 3.69 1.11 2.78	.10			Т	T					1.94 T		1.50	.61 .46 .42	.04 .50 .95 .56	.05	.02	.87 1.43 .06 1.64	.03 .82 .08 .56	т	.09	.06	.06	.25		.48	.51	3.79 7.09 12.80 3.83 12.98
DECATUR SUBSTATION DEMOPOLIS DOTHAN CAA AIRPORT ELBA ELROD			1.91	2.09 .14 .78	2.58 3.60 1.73 1.57	.25										.01	1.32	.70 .38 .14	.76 .77 .98 .43		.07	1.75	.65	.05		.20	.13	.29 .31 .20 .07 .42	.14 T	1.33	.19	7.70 5.12 4.51
EUFAULA EUFAW LOCK NO 7 EVERGREN FAIRHOPE PALKVILLE			.11		.46 1.96 .51 .49	1.89											1.10 T	.85 .44 T	.68 1.23 .81 .29			1.33	.02	.10		.15	.28	.39	T .06	.38	.93	7.75 4.89 7.63 3.81 2.22
FARLET FAYETTE FAATETTE FLAT ROCK FLORENCE AT LOCK PORT DEPOSIT		.13	.76 1.82 .80	1.52	2.37 1.58 1.84	.48					Т			,03	T		1.19 .84 1.23 .93 .65	.18 T .19 .79 .12	.66	1	.02	1.42 2.18 .83 2.17	.12 .42 .73 .03	T	.22	.10	.22 T .03 .31	.10 .43 .09 .11	1	1.24	1.15	10.26
FORT PAYNE Z FRISCO CITY GADSDEN GAINESVILLE GARDEN CITY Z			.04	.91 .38 1.26 .13	4.53 1.14 5.60 1.15	.81 .32 1.05								T	T		.12 T	.02	.41 .77 .91 .72 .75		- 1	1	.80 .30 .38			T .12	.19 .09 .53	.37 .82 .55 .68		.14 T	.20 .45 .18	7,10
GENEYA COODWATER CORGAS GREENSBORO GREENVILLE			.03 T	T	2.09	1.44												.56	.55 .52 1.28 .79		.18	.02	.35		.12	. 42	.11	.32	.03	.27	.02 .70 .10 1	1.55 8.26
GREENVILLE NO 2 GUNTERSVILLE GUNTERSVILLE REC GUNTERSVILLE DAM HALETVILLE Z			.16	1.07 1.30 2.32 1.32	.41 4.85 2.62 2.67	.64								T		.03	.48 .70 .46	.81 .18 1.09 .33	.90	1	.02	.02			.08	T	.10	.56	-	.82	.20 1	1.21
EAMILTON HARRISBURG 6 MI SE HAYNEVILLE BELENA HIGHLAND HOME		.08	3.17 .04 1.22 .02	2.07 .75 .09 .15	4.15 .50 .90 4.45	75						Т	T	T	.03		.05	.33	.78 .74 1.03 .58 .83	.37	.05	T T	.82			. 15	.45 T	.16 .16 T		.75 .32 1	.00 1	6.26 4.34 4.46 0.27
HIGHTOWER HODGES HUNTSVILLE SUBSTATION HUNTSVILLE HYTOP			1.13	.93	3.52	.51				.01		Т		T .02		T	1.31 .85 1.12	.47	.55	.02	.20 2	.80 .39 .68	.15	т	i	. 25	.29	.29		.16	.80 .87 .74 1 .04 1	7.07 3.50 2.70 8.75
JACKSON SHOALS JACKSONVILLE JORDAN DAM LA PAYETTE LAY DAM Z			T .29	1.64 T	1.26	.75											.05	.14	.57		.06 .03 .01 .06	.75	.01		.08		.40	.60 .31 .10 .32 .63		.15	.90 .59 .17 .82	4.91 5.54 4.89
LEEDS LEESBURG LIVINGSTON LOCKEART LOCK NO 1 // 2		r	.04	.60	4.24 1 5.48 4 .08 1	.92									T	To the second	.75	.19	.59	.15	.08	.80	.03	T		.26	r i.	. 61 . 10	05	.37	.37 10 .12 8 .25 4 .44 3	0.17 9.73 4.56
LOCK NO 2 LOCK NO 3 LOCK NO 4 LOCK NO 17		.01	.46 2	.04 .48 .24 .52	3.48	.36 .45 .16 .36								т	.02		.18 1	.21 .48 1	.66 .76 .46 .30		.06	.40 .65 .40 .85	17				02	27 38 23 49 16		1.	.40 5 .12 7 .02 7 .52 9	5.92
MAGRILA MAGNOLIA MARNON 1 MILE SSE R MARION JUNCTION Z MARTIN DAM				.14	1.76	.15 .40 .44 .34									.02		Т	.41	.74 .86 .64		.06		14				01 27	70 02 71 38		1.	61 12 05 4 95 6	. 28 1.14 5.82 1.97
		1					1		1			,		4.0													76 .	90		00 II.	AU [4	

Ch. A.																		Day	of Mo	onth															7
Station	1	Ţ	2	3	T	4	5	6	7	8	1	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
MELVIN HERTZ 3 MILES E HIDWAY HILLERS FERRY HILLSTEAD				.11	n	.30	2.58 5.50 1.41 1.57 1.06	.35												.45	.02 10	.62 .95 15		.63	88 65 .04	.10		1	.08	.02,	.03 .51 .25 .49	.05	.56	1.35	9.86 3.80 4.67
ITCHELL DAM IOBILE WB AIRPORT IOBILE WB CITY Z IONTE SANO IONTEVALLO		ľ		. 20 . 04 1 65	4	.05 09 .13	1.70 .40 .93 3.55 3.50	. 55												.67	19 5 35 .30	.56 .05 .65 58	T T	07	.01 .01 1.75 .26	T	1	1 1	.25	.01 .30 .25 .45	.36 .07 .07 .25	. 49	. 26		3.13 2.52 14.08
ONTGOMERY WE AIRPORT IONTGOMERY WE CITY Z OUTLITON R RUSCLE SHOALS REW BROCKTON	-		.42	T T 3.00	1	.39 .90 26 .40	.46 .27 .81 .63	.01						_			Т		.10	.01 05 1.63 .72	.43 .41 53 .40 .64	.02 .02 .08	.07	T 1.55 2.02	T T 57	T	T	.04	T T .15	.26 .16 .15 .15	.08 .03 T		1.03 1.01 .44 30	1.03	14.28
TERBLIRG TEMTON NEONTA ORRVILLE				2 54 1.50		.79	3.91 3.70 1.87 6.70 2.38	51 1.14 .65					.15					. 05		1.02	.52	.64 .60 .48 .82 .65			2.64 1.50	.34			.09	.15	.21)	.03		1.03	14.45 14.86 5.5 13.05 4.86
PARK AINT ROCK R FERRYVILLE ETTERMAN R FICKENSVILLE			.16	1.87 T	7 2	91	.71 2 68 1.97 .64 2 40	1 90 28									.03			1.34	.55 .09 .50 .43	.55 .69 .05 .41		1.42	.72	.70	1	.30	.40	.50	.16	.04	1.18	1.15 .09 1.11 .50	13.50
INE HILL INE LEVEL LEANTERSVILLE LEASANT HILL RATTVILLE					1	.84	1 74 1 20 4 15 .50 1 24	. 17													.40 34	.52 .88 .55	.08	.20	.12					24	.33 .78 .03 .27		16	1.35 .90 .91 .74	7.6
RIMROSE FARM USHMATAHA JED BAY EFORM IVER FALLS			.08	3 34	i i	23	2.20 2.42 2.09 .68	. 40									.03	.01		.70	.11 18 1.22 25	55 .76 .90 55 .33		.09 .95 .73	T 2.17 2.11	.21			.40	.32	.09	.20	T	1.12	13.55
OBERTSDALE 7 MI E OCK MILLS AINT BERNARD AND MIN STA FARM APT AYRE			.02	.08 .14 1 06 03	2 2 1	50	.10 .74 3.12 5 34 3.87	. 58 . 67 . 10									-	.06		26	T .27 .71	.36 .52 .67 1 23		.37	93	.10	1	.03	.06	.10 04 .01 .50	.46 .33 .03 .23 .12	.10		1.24	11.7
COTTSBORO COTTSBORO SUBSTATION EL MA HEFFIELD TVA NRSY HOEMAKER SPRINGS				.70 .83 2.70	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.4	3.85 3.72 2.12 2.29 3.55	.54									.03	.01 r		1.00	.74 .10 .11	.99 .88 .47 .31		.03	1.29 1.38 T 1.75	.90 .97 .03 3.03	1	.12	.05 .17 .09	.20 .14 .45 .79	.31		.08	1.00 1.74	10.9 12.2 4.5 11.5 13.8
LOCOMB MITESONIA NOW HILL OUTE HILL PRING HILL			.06	3.20		14 :	1.01 2.40 42 3.80 .34	.82									.03			. 73	07 .16 .50	1.03 .55 .72 .27 .25		.14	1.58	1.99 .17 .03	1	.06	.49,	.42 .23 .44	.46	r	.44	1.47	3.0
WAIM WLACAUGA YLVANIA ALLADEGA ALLADEGA ERN MT TWR				.95	2 .	. 14	4.29 1.64 4.00 1.09	.54 .63 .83 I.52 2.68										.05 .06 T		1.12	.09 .27 .18	1.05 .78 .78 .63 .70		.13	1.96 02 1.74 .09	1.10	T	.12	.09	.59	.14 .99 .53 .28		т	.77 1.10 .90	11.9
HOMASVILLE HORSBY 1 MILE SW R HURLOW DAM IBBIE ONEY R			.51	2 80	2.	.30	1.16 .80 .87 95 1.34	.14			١.	03							.25	93	.02 .05 .35	1.09 .11 .85 .95	.08	.03	.06	.11)			.90	.10 .55 .01; .65	.47]		.36 .79 .18 .21	1.23	5.9
RAPPORD ROY USCALOOSA AIRPORT USCALOOSA LCE DAM USKEGEE			Т	27 05	1 1.		6.55 .43 .86 2.40 .40	65 .98			ł						т		T	1.05	1.07	1.02	т	1.01	.83 .48 1.15	.30	T	T	T	.04	26 31 .13 .04		.15		7.9
NION SPRINGS NIONTOWN NIVERSITY ALLEY HEAD ANCE				.15	2.	.39	.45 1 14 1.15 4.00 6.58	.59 .31 .94 1 11											.10	.05		.77 1.04 78		T .80	.10 .35 .88 .95	.031 .031 .031 .941		.06	1	.04	.31 .48 .84 58		.30	.89	3.65
ERNON R ADLEY ALLACE ALLACE ALLY GROVE EST BLOCTON	-		.81	4.79 45	1.	.70 12 .59	1.10 .90 .67 5.80 4.90	.60 .65									.18		.11	1.76	. 67 58 . 32	.20 .69 .80		.10	.54	.051	1	.40	1	.10	.30 .68 .80 .61		1.02	.95	3.63 11.63 8.94
ETUMPKA HATLEY HEELER DAM ILSON DAM INFIELD 2 MILES SW			T	2 32 2.48 2.71	1 1.	81 .80 77	3.50	.44 .14 .12										T .06		1,02 .88 1 80	.05 .11 .14 .37	72 1.04 .78 30 .81		T	T 2.85 2.21 2.05	.15!	.03		.07	T .23 .41 .67	.24 .30 .07 T		.22	.55 .75	5.41 4.23 13.98 11.35 18.88
ATES HYDRO PLANT OUNGS STORE			00	2.00			1.11	.32												.13		71		.10	16	1,50		,	. 221	.50	.51		. 25		4.38

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												-15													
OCE NO 1 //	-	_	_	-	_	-	_	_	_	-	_	_	-	_	_	_	-	_	_	_	_	-	_	_	-
W BROCKTON VER FALLS 2 MILES NE	-		_	-	_	_	_	_	_	-	_	_	-	_	_	_	_	_	_	_	_	-		_	1
												-2	d-												
DISON LGREEN								. 02	.04	.04	.02			.12	.27	.04	.15	.08	.01	.04	.01	.02	.11	.06	
RRY EXAR 2 MILES SE												.01	.03	.15	.34	.03	.01	.01	.03	.03	.01	.06	.09	.18	
AZ AT ROCK																	.01	.01	.01	.01	.01		.00	. 20	
NTERSVILLE REC										*				.13	.08	. 28	.06	.04	.03	. 05	.05	.12	.11	.11	İ
ULTON SCLE SHOALS 6										.01	.05		.02	.01	.06	.10	.01	.02	.02	.02	.02	.05	.02	.01	
INT ROCK											.02	.02	.06	.03	.01	.03	.01		.05	.01		.11	.10	.01	
RNON									.01	.03	.05	.02							.02	.14		. 29	.13	. 04	
												-3													
DISON NISTON WB AIRPORT 6	.04		.13	. 05	.03	. 09	.04	.44	. 40	. 46	.12	.09	.17	.15	.07	.01	.02	.07		.01	.01	.01	.01		
HLAND // MORE STATE FARM	1														.01	. 29	.01		.01	.02	.01	.05	.01	. 09	
LGRBEN RRY	.09	.15	.31	. 51	.32	.26	.36	.24	.28	.26	.14	.01	.20	.09	.52	.08	.02	.01	.01	.01	.01	.01	.01	.15	
KAR 2 MILES SE RMINGHAM WB AIRPORT	.11	. 45	.25	. 35	.30	.40	. 25	. 22	.15	.10	.07	. 08	.06	.01	.01	. 04	.01	.01		. 02		.01			
AZ DEVILLE NO 2											.03	. 57	.13	.13	.14	.10	.10				.02	.02	.01	.04	
TAW LOCK NO 7		.01	.01	.01	.01	.07	.03	. 18	.01		0.4	.20	.27	.04	2.2	0.4	.01	.01	A.F.						1
RDEN CITY FTERSVILLE REC	1.0	.01	20	.02	.01	10	.01	.01	1.0	.38	. 64	.10	.03	.27	.11	.04	0.0	. 03	.07		0.0	. 01		.08	
EYVILLE ESONVILLE //	.15	.08	.38	.05	.15	.10	.13	.07	.13	.12	. 23	.07	7	.02	.18	.01	.02	.03	.01		.08	.01			
7 DAM BILE WB AIRPORT 6										=		.02	.18	*	*	*	*	* 03	.02		.01				
DILE WB CITY FLTON BCLE SHOALS 6	.04	.46	.40	.13	.17	.24	.64 1.40	.30	.18	.11	.04	.07	.11				.01	.01	.11						
INT ROCK DRSBY 1 MILE SW	.08			. 22	.10	.18	.19	.09		. 42	.20	.21	1,50	.08	.08	.02			. 20						İ
EY FFORD	.02		.27	.30	.40	.26	.44	.50	.21	.03	.17	.02	.08	.09	.01	.16	.01			.22					-
SCALOOSA AIRPORT 6				*			.03		*			.02	.03	.01	# 1		8	.05	.16	*					1
RNON	.03	.18	.04	.08	.13	.47	.59	.30	.86	.52	.19	.22	. 64	.30	. 04	. 09	.11								1
											0.4	-4	.01	.05											,
BEVILLE DISON WISTON WB AIRPORT 6	.02	.01	.05	.02	.04	.04			.04	.02	.01	.04	.13	.01	.25	.08	.08	1.14		.04	.02	.33	.07	.30	
LAND // HORE STATE FARM	.20	.05	.01	.06	,10	.02	.01	. 02	.01	.06	.16	. 23	.40	.10	.22	.16	.01		.05	.06	.06	.04		.04	-
SURN 4 MILES N GREEN			.01		.12	.02		.04	. 0.0	.05		.06	.04	.09	.02	.27	.04	.02	.10	.02		. 01	.08	. 02	i
ARY MILES SE	.01	.01		. 24	01	.01		.05			.05	.10	.01	.03	.02	.05	.12	. 28	.02	. 03	.01	.12	.01	.04	
MINGHAM WB AIRPORT						.02	.06		.40	.05	.02	.10	.07	.02	.03	.28	.40	.19	.12	.38	.11	.19	.27	.07	
PBELL DEVILLE NO 2	.02						*	*		.10	.12	.20	,30	.08	.02	.20	.20	.05	. 03		.06	*	.02	*	
THAN CAA AIRPORT	1			1							.11	.09	.01	.44	.04	.01		. 20	.05	.01	.34	. 45	.04	.01	
T ROCE	-	-	-	-	-	-	-	-	-	-	_	-	.09	.05	.15	. 22	. 08	.30	.34	.17	.13	.12	.18	.16	
RDEN CITY			.02	.01			.47		.05	.38		.04	.09		.15	.16	.03	.01	.16	.32	.01	.71	.84	. 62	
TERSVILLE REC	.01	.09		.10	.08	.01	.03	.01		.01		.08	.12	.04	.08	.13	.16	.07		1.25	.22	. 32	.31	.30	
KSONVILLE //		.08	. 03			.02	.02		.01	.15	.18	.03	.10	.10	.32	. 20	.08	.16	.20	.11	.03	.12	.03		
NOLIA NION 1 MILE SSE							.09	. 29	.01	.01	. 04	.09	.08	.01	.01	*	.01	.03	.01		٠				
WAY THE WB AIRPORT 6 THE WB CITY		*	*	*	.03	*	.09	.01	.00		.04	.00	.03		.01	.08	.01		1						-
TTGOMERY WE AIRPORT 6	li d				.03			.02	*	.31	.78	.20		. 22	.06				.16		*	.01	.06		1
ALTON SCLE SHOALS 6	.03	.09	.60	.30	.01		.09	*			*	*	.11	.08	.22	.34	.11	.14	.13	.30	.63	.90	.14	.07	
NT ROCK TERMAN						.26	.04				. 25				. 28	. 38	.17	.02	.01	.02	.28	. 29	. 20	. 50	1
ASANT HILL RSBY 1 WILE SW							.01	.01	.05	.05	.09	.18	.01	. 55	.12	.16	.32	.17	.08	. 24	.06				1
TEY AFFORD			.11	.41	.20		.13		.01	.05	.01	.03	.10	.29	.01	.20	.03	.14	.03	.08	.06	. 48	.31	.20	14.44
OY SCALOOSA AIRPORT 6	.06									*	.17	.09	.01						.38					a	1
RNON	.11	. 23	.02	.03	.02						.01	.01	.01	.28	.34	.01	.01	.02			.20		.60	. 13	
												-51	th-												
BRAILTE	0.0	1.0	3.0		50	2.0	10	2.0	0.1		.01				.04	.07	. 29	.47	.16	.04	.07	.10	.02		177
DISON HISTON WB AIRPORT 6		*11	.18	.50	.73		.13	.12	.04	*	*	1.47	*	* 03				. 43				*			1 2
HAND // NORE STATE FARM SURN 4 WILES N	.03	.01	.10	.02	.05	.05	.12	.38	.17	.09	.02	1.2	.21	.01	.03			0.0							1
GREEN GREEN	.09	. 23	.51	.02	.10	.22	.13	9.0	.03	.03	.05	.11	.20	.02	.03		.02	.06							1
CAR 2 MILES SE RMINGHAM WB AIRPORT	.09	.22	.03	.17	.15	.23	.13	.36	.16	.03	.15	. 19	.06	.02											3
CHINGHAM WE AIRPORT OPELL	.30	.60	.95	.37	.16	.10	.31	.02	.21	.20	.05	.01	.06												2 92
DEVILLE NO 2 THAN CAA AIRPORT		-	-		-	-	.02	.02		_	.06		.04	-	.07		.27		1.03	0.0		0.2	0.4	03	
TAW LOCK NO 7	.05	.10		i		.05	.04	.06	.03	.38	.27	.07	.02		i		. 27	.12	2.01	.08	.11	.02	.04	.01	1

See reference notes following Station Index
- 7 -

^					A.:	M. Hoi	ır end	ing					-				P. 1	M. Hou	ır endi	ng					7
Station	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
PLAT ROCK PORT MORGAN // PORT PAYNE GARDEN CITY GREENVILLE NO 2 GUNTERSVILLE REC BALETVILLE JACKSOMVILLE // LAY DAM MAGNOLIA MIDWAY MOBILE WB AIRPORT 6 MOBILE WB CITY MONTGOMERY WB CITY MONTGOMERY WB CITY MOUNTOM WISCLE SHOALS 6 PAINT ROCK PETERMAN PLEASANT HILL THONESY I MILE SW TONEY TRAFFORD TROY TUSCALOOSA AIRPORT 6		.08 .13 .03 .37 .62 .01 * .24 * .19 .01 .03 .98 1.28	.20 .23 .04 .25 .03 .04 .01 .03 .01 .01 .37 .13	32 .08 .23 .01 .01 .01 .01 .01 .02 .04 .02 .04	.244 .04 .00 .01 .02 * .02 .04 .15 .47 .04 *	.16 .27 .16 .03 .02 .01 * .08 * .39 .05 .02 .02 .34	.12 .14 .27 .07 .03 .19 .17 .12 .49 .01 .10 .63 .31 .01 .11 .18 .28 .14	.01 .28 .18 .48 .05 .09 * * .03 .47 .10 .11 .10 .05 .05	.07 .02 .04 .18 .02 .05 .02 .05 .05 .08 .02 .35 .21 *	.14 .02 .11 .02 .28 .04 .20 * .01 * .03	.166 .355 .022 .011 .024 .03	.11 .01 .02 .01 .49 * .10 * .09	.05 .10 .28 .04 .01 .19 .02 .39	.04 .02 .01 .12 .34 .15 *	.03 .16 .08	.07 .02	.03 .02	.03	.54	.01	.01	.01		.01	1.84 .34 .32 1.03 .41 2.62 1.06 1.41 .80 1.41 1.41 2.68 .64 .50 .80 1.31 2.68
UNIVERSITY VERNON	.12	.02		.02	.02	.09	.03	.02	.20	. 29	.11	.14	,05		.01										1.12
ANNISTON WB AIRPORT 6 BELGREEN	.02					.03	.03					-6 1	h-		1		4								.06
MAGNOLIA MARION 1 MILE SSE MONTGOMERY WE AIRPORT 6	.02	.02	.10	.02	.03	.02	.01	.02	.16	2.98															3.98
												-9	th-												
TONEY								.01	.01	.01		10	ıl.		1										.03
NEW BROCKTON	-	-	-	-	-		-	-	-	-	-	-12	-												-
BIRMINGHAM WB AIRPORT PAINT ROCK					.02	.01					.01	-14	th-]			1							.01
												-15	th-												
DOTHAN CAA AIRPORT	_	-	-	-	100	-	-	-	-		-	- -16	th-	-	-	-	-	-	-	-	10	-	-	-	-
BELGREEN BERRY BERRY BEXAR 2 MILES SE GUNTERSVILLE REC HALEYVILLE MOULTON MUSCLE SHOALS 6 THORSEY 1 MILE SW TUSCALOOSA AIRPORT 6 VERNON										*	*		*	.01				. 19	*	* .02	.12	.12 * .06 * * .01	.16 * .24 * *	.29 * .31 .01 * .10 * .09	.69 * .61 .03 * .10 .25
ABBEVILLE	1											-17	th-		Lamb.	.11	.04								.15
ADDISON ANNISTON WB AIRPORT 6 ASHLAND // BELGREN BEXAR 2 MILES SE BIRMINGRAM WB AIRPORT BOAZ EUTAW LOCK NO 7 FLAT ROCK FORT PAYWE GARDEN CITY GUNTERSVILLE REC HALETY'ILLE JACKSONVILLE //	.11 .05	.19 .09	.03 .04	.05 .02	.04 .07 .01 .11 .21 .11	* .03 .01 .15 .02 .04 .11 .15	.07 .02 .19 .07	* .03 .03 .17 .04 .02 .02	* .01 .02 .01 .06 .08	.04	* .02 .02 .03 .05 .03	* .01 .05 .13 .01 .01 .06	* .04 .06 .01 .22 .10 .01 .04 .03	* .01 .01 .06 .02 .01 .13	* .03 .01 .01 .04	* .03 .01 .02 .01	.01 .04 .08	.01	* .05	* .05 *	.03	* * * .01	.03	.01	.12 * .47 .44 .32 .40 .93 .33 .57 .70 2.23
LAY DAM MIDWAY MOBILE WB AIRPORT 6 MOBILE WB CITY MONTGOMERY WB AIRPORT 6 MONTGOMERY WB CITY														*	*	* .01	* .01	.01	.06 .04 .01	.02	.01	*	.28	.17	.10 .45 .04 .05
MOULTON MUSCLE SHOALS 6 PAINT ROCK THORSBY 1 MILE SW TONEY TRAFFORD TROT	.12	.13	.06	.50	.11	.31	.09 .47 .06	.02	.02	.01		.04	.02	. 32	.09	.03	.01	.01	.08	.91	,01	*	* .04	*	1.63 1.34 .93 1.28 .72 .10
TUSCALOGSA AIRPORT 6 UNIVERSITY VERNON	. 20	. 25	.40	.01	.01	* .05 .12	.04	.07 .05 .01	.03	.08	.30 .05	.06	.11	.83 .05 .04	.01	*	*	*	*	. 15					.92 1.76
ADDISON ANNISTON WB AIRPOR? 6 ASMLAND ATMORE STATE FARM AUBURN 4 MILES N BERRY BEXAR? 2 MILES SE BIRNINGHAM WB AIRPORT BOAZ CAMPBELL ADBEVILLE NO 2 EUTAW LOCK NO 7 FLAT ROCK FORT MORGAN //	* .18	*		* .01		*	*	* .01	.03	* .01		.95	th— * .08	.03	.01	.02	.01 .04 .24 .01	.01 .37 .01 .01	* .06 .05 .20 .01 *	* .02 .48 .03 .35 .46 *	.01 .07 *	.02 .01 .17	* * .04 .25 * .20	.24	.45 .60 .49 1.44 .33 .67 .61 .61 1.10

ble 4-Continued										EC.	-		,										J	ANUAR	(Y)
Station					A.1	M. Ho	tr endi	ng									P. 1	M. Hot	ır endi	ing					Total
, i	1	2	3	4	5	6	7	8	9	10	11	12	1	2	-3	4	5	6	7	8	Ç)	10	11	12	, E
ORT PAYNE ARDEN CITY RESNYILLE NO 2 UNTERSYILLE REC ALEYYILLE ACKSONYILLE // AY DAM	.01	.01	.01	.01	*		.03						.04	.05	*		.09	.04	.01	.01	.38 .02 .69 .09	.01	.01	.76	
AGNOLIA ARIOW 1 MILE SSE IDWAY OBILE WB AIRPORT 6 OBILE WB CITY OWTGOMERY WB CITY OWTGOMERY WB CITY	.10			.01							.12			.03	.05	*	.01	.65	.25		*	* .10	*	*	
OULTON USCLE SHOALS 6 EW BROCKTON AINT ROCK ETERMAN LEASANT HILL HORSBY I MILE SW	.03	.01				.02		.13						. 03	.02	*	•	*	.09	.02 .40 .31 .10 .25	.10	.02	.35	. 29	
OMEY RAFPORD ROY USCALOOSA AIRPORT 6 NIVERSITY ERNON	.01	.01	.01		.01	.01							.08	.04	٠	.06	.07	.84	.12 .74 1.03 .95	.09	.01	.01	.22	.10	1.
												-19	th-												,
BBEVILLE NNISTON WE AIRPORT 6 TWORE STATE FARM UBURN 4 MILES N ELGRERN AMPORLL ADEVILLE NO 2	.25 .51 .07 *	.20 * * * .01	.06	.03	* .03 * *	.01 .01 *	.82					.01													1.
NOSTALLE WE AIRPORT 6 ONTGOMERY WE AIRPORT 6 ONTGOMERY WE CITY OULTON	.02	*	*	.02	.04 * .02	.09	.03		•			.02													
ETERMAN HORSBY 1 MILE SW USCALOOSA AIRPORT 6	*	.04	.02	.03								-20	th-										.10	.01	
SHLAND // AMPRELL ADEVILLE NO 2 AY DAM ONTCOMERY WB AIRPORT 6 ONTCOMERY WB CITY LEASANT HILL SONSBY 1 MILE SW	.06	.01	.01									20		*	*	*	* .02	* .02	.06	.01	*	.03	.11	.26 .01 .02	1
													st-												
DDISON NNISTON WB AIRPORT 6 SBLAND // RLGREEN	.05		.04	*	*	*	.11	.34	.36	. 28	.12	.18	.12	.08	.08	. 20	.13	.06	.23	.22	.11	.07	.01	٠	2.
ERRY EXAR 2 MILES SE IRMINGHAM WE AIRPORT DAZ MAPBELL			04	.04	.01	.20	.39	.36	.14	.01	.07	.05	.09	.04	.07	.07	.03 .16 .03	.04 .09 .07	.13 .13 .05 .05	.34 .07 .05	.19 .02 .08 .12	.09	.02	.02	1 2
TTAW LOCK NO 7 LAT ROCK DET PAYNE RROEN CITY UNTERSYILLE REC LLETY LILLE (CKSONVILLE //		.01	.01	.01	.01	.02	.02	.01	.06	.01	.01	.02 .01 .18	.01	.15	.01 .08 .01 .21 .03	.03	.03 .18 .02 .13 .14	.12 .09 .01 .04 .05	.23 .11 .02 .07 .03	.55 .21 .07 .36 .03	.14 .30 .09 .11 .28	.08 .12 .19 .07 .22	.07 .09 .03 .08	.03	
Y DAM ARION 1 MILE SSE ONTGOMERY WB AIRPORT 6 DULTON USCLE SHOALS 6 LINT ROCE	.05	.01	.03	*	* .01	.08	.09		* .02	* .08	٠	.09	.03 1.13 .05	.14	.06	.10	.10	.01	.04 .16 .47	.03	.37	.12	.04		1.
NNEY CAFFORD SICALOOSA AIRPORT 6 VIVERSITY SERNOW					.01	.12	.06		*	*	.02	.01 * .01 .05	.20	.02 .03 *	.02	.10	.02	.09	.16 .21 .03 .22 .09	.09	.23	.03	.04	.01	1.
DDI 90N	.01					.01	.06	.19	.29	.10	.11	-22 .09	2d-	.04	.07	.01	.01						.02	.07	1.
NNISTON WE AIRPORT 6 LIGREEN SERTY EXAR 2 MILES SE	.06		.03	.01	.05 .03 .16	.13	.20 .06 .07	.36 .09 .10	.11 .04 .04	.05	.08	.03	.08	.02		.01	.06		.01	.01	.01	.04	.01	.03	
RMINGHAM WE AIRPORT DAZ TUTHAN CAA AIRPORT AT ROCE	-01	.02	-01	- 01	.01	.10	.03	.01	.01	.04	.01	.08	.03	.01	.01	.03		.01	.10	.03	.01	.01		.01	1 .
ORT MORGAN ORT PAYNE URDEN CITY UNTERSYILLE REC MLETYVILLE MCKSONVILLE //	.01 .01 .03	.01	.02 .01 .02 .01	.01	.02	.04	.02 .01 .14	.01	.02 .15 .02 .23	.26 .01 .38 .14	.22 .19 .03	.05	.01	.02 .02 .01	.01 .07 .01	.04	.02	.02	.05	.04	.03	.03		.01	
DBILE WB CITY UULTON SECLE SHOALS 6 INT ROCK	.38	٠	٠	* .01	.04	.04	.15		.03	.11	.04	.01	.01 .19 .10	.01	.01	.01	.13				.01		.02	.02	
NMEY LAPPORD JSCALOOSA AIRPORT 6 LIVERSITY SENON		.01	.08	.01	.09	.10	.02	.01	.02 .03 *	.03	.04		.01	* .06 .03	* .01	*	.02	.03	.05 .10 .01	.13		.03	*	.01	

HOURLY PRECIPITATION

Station	-	,				A. 1	M. Hou	ır əndi	ing			-		,				P. 1	M. Hou	ır endi	ng				
	1	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
												-	-23	3d-											
DDI SON ERRY		06 02				.01	.01		.01	.01		.02	.02	.01											
AMPBELL LAT ROCK		01		.02			.01	.02			.01														
ORT PAYNE UNTERSVILLE REC	1 .	01 02	.01																						
ALEYVILLE ONEY		06 02 02	.10			.01	.02	.04						.03											
USCALOOSA AIRPORT 6 NIVERSITY ERNON		01							.01			.01	.01												
DENOR	1 .	0,2							.01	. 00			00	17.		1		*							3
DDI SON	1											_	-25	th-										.01	.04
ELGREEN EXAR 2 MILES SE																				.01				.04	.03
AMPBELL LAT ROCK						.01	.01	.02		.07	.10	.01											.01		
ORT PAYNE ARDEN CITY UNTERSVILLE REC				.01	.03	.01	.02																		
ALEYVILLE						.00					1														.08
USCLE SHOALS 6 AINT ROCK							.12	.18		*	*	4		.04											
RAFFORD ERNON				.01	.01	.14	.01		.15						.01	.01	.02	.01							
												_	-26	th-											
DDISON FMORE STATE FARM		80	.01							.01	.02	.13				.01	.02	.01	.01	.01		.05	01	. 01.	
ELGREEN EXAR 2 WILES SE		01 03	.02			.01	.01	.08	.01	.01	.01	.01	.01	.01	.01	.04	.02	.04	.01	.01		.00	.01	.01	
DAZ AMPBELL						.01	.01			.01								.01			.01		.01		.01
AT ROCK ORT MORGAN //															. 05			.03	.01		.01			.06	
ALEYVILLE' DBILE WB AIRPORT 6	. (03	.01		.01	.01				.05	.04					.02	.01	.02	*	.01			.01		
DBILE WB CITY DULTON USCLE SHOALS 6			*	*	*			.08	*	*	*		*	.02	.01	.05	.01	.10	.01	.42		.01			
AINT ROCK			.02	.11	.09				*	.07	.01	•	.16	. 02	~	.02	.09	.04	.01	.02	.02	.01			
JANAS &	1		. 20	***						,00	.02		-27	±L.		.00	.00	.01	.02	.02	.01	.00	.02		
BBEVILLE													-21	III					1		. 03				
DDISON INISTON WB AIRPORT 6									dr		*		.01	*			*	.01	.02	.16	.05		*		*
THLAND // TMORE, STATE FARM ELGREEN			.01	.01	.02	.01	.01	.07			.02	.05	.03	.01	.03	.01	.03	.02	.08			.10	.01	.04	.16
ERRY												.03	.00					.08	.16	.22	. 03				
IRMINGHAM WB AIRPORT														.06	.10	.11	.05	.02	. 10	.00		.41	.04		
MPBELL DEVILLE NO 2											.01	.04	.06				.01			.15					.03
THAN CAA AIRPORT				1															1	.05	.03	.01			
AT ROCK ORT MORGAN //				.01		.01					l 							.08	*11	.01			*	.02	.08
ORT PAYNE ARDEN CITY					.01		.01					.02	.01	.01	.11	.25	.08	.06			.17	.03	. 13	.12	.02
REENVILLE NO 2 INTERSVILLE REC ALEYVILLE																	.10	.02	.04	.09			.07	.15	.01
ACKSONVILLE //														.03	.04	.01	.08	.16	.01	.00	.03		.02	.02	.10
GNOLIA ARION 1 MILE SSE												.07	.12	.01	.01	.15	.01		*	*	.01		.02		.01
OBILE WB AIRPORT 6 OBILE WB CITY			*			.92	.01	.03	*		.04	*	*	.10		*	*	*	*	.02	.06	.02	.02	*	*
ONTGOMERY WB AIRPORT 6 ONTGOMERY WB CITY	1														*	.01	*	.02	*	.08	*	*	*	.01	.12
DULTON USCLE SHOALS 6 WINT ROCK	.1	14																	* *	.15	.39	.10			
TTERMAN BASANT HILL									.10		.04				.05	.01	.11		, 01		. 30	.17	.01	.01	.02
ORSBY 1 MILE SW										.01		.01	.01	.10	.10	.08	.03	.08		.23		.01	.06	.07	
LA PPORD LOY									.01			.01			.01		.02				.09			.01	.12
SCALOOSA AIRPORT 6																				.01	.05	.01	*	*	*
RNON													0.0					.10							
BEVILLE			.05	.02	.01							-	-28	th-		1			1						1
NISTON WE AIRPORT 6		12		.06	.02	.02	.01																		
BURN 4 MILES N DEVILLE NO 2		14	.14	.01		.05																	.01	.01	
YTHAN CAA AIRPORT	.1	11	.04																5.7						
DET MORGAN REENVILLE NO 2		3	.01	.01	.02		*	*		*	-	-	*	*	*	*	*		. 55						
CESONVILLE // GNOLIA DWAY		1	.01	.01	.01	.02	.03	.07																	
BILE WB AIRPORT 6			.02	.02	.01	.02	.03	.05									*	.01	.01	.02					
ONTGOMERY WE AIRPORT 6		3	*	*	*		*	.03											102						
TERMAN BASANT HILL			.03	.01	.01								.01				.01	.01							
OY				.01	.03	.04	.01	.01	.04																

																							J.		
Station					A.]	M. Hot	ur endi	ng .		Y						1	P. 1	M. Hou	ır endi	ng					Total
	1	2	3	4	5	6	2	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	T
BEVILLE IMORE STATE FARM TYTHAN CAA AIRDORT DRT MORGAN // IMMAY BBILE WB AIRPORT 6 BBILE WB CITY ONTCOMERY WB AIRPORT 6 NOTGOMERY WB CITY LOY											-	-29	th-	٠	*	*	.03	.01	.10		.02 .07 .04 *	.06	.01	.01	
SBEVILLE DOISON ONISTON WE AIRPORT 6 SHLAND // WORE STATE FARM BORN 4 MILES N LIGREEN CRRY CARR 2 MILES SE RMINGEAM WE AIRPORT ADZ L DEVILLE NO 2 WITHAN CAA AIRPORT TIAN LOCK NO 7 AAT ROCK RET MORGAN // RET PAYNE REDEN CITY EENVILLE NO 2 INTERNSVILLE REC LETYILLE LETYILLE CESONVILLE // Y DAM GNOLIA RION 1 MILE SSE DAY BILE WE AIRPORT 6 BILE WE CITY NOTGOMERT WE CITY SCLE SHOALS 6 W BROCKTON LINT ROCK LEXSANT BILL LESSANT BILL LEST	.03	.04	.06 * .01 .03 * .01 * .01 * .02	.09 .01 .07 .03	.07 .02 * .02 * .01 * .01 * .02	.03	.04	* .10 * .01 .01 * .01 * .02	.09	.01 * .01 * .01	* .01 * .01 * .01 * .01 * .01 * .01 * .01 * .01 * .01	.01	.04 .07 .03 .06 .00 .03 .01	.04 * .04 * .04 * .02 * .02	.002 .02 .03 .04 .04 .04 .08 .04 .01 .01	.01 .04 .03 .07 .04 .09 .09 .02 .00 .01 .01	.03	.07	.18 * .02 .07 .05 * .08 * .03 .03 .02 .17 * .02 .01 * .04 .06 .06 .06 .06 .06 .06 .06 .06 .06 .06	.14 * * .01 .01 .03 * .03 * .02 * * .02 * * .03 .06 * .01 * * .02 * * .01 * .01 * .02 * * .02 * * .02 * * .03 .06 * .01 * .02 * * .03 .06 * .01 * .03 .06 * .01 * .03 .06 * .01 * .03 .06	* .01 .02 .19 * .07 .13 * .06 * .06 * .06 * .01 .08 * .02 * .02	.07 .07 .08 .01 .01 .01 .02 .06 .06 .07 .01 .01 .01 .01 .02 .03 .04 .06 .07 .08 .08 .08 .08 .08 .08 .08 .08 .08 .08	.01	.05 .13 .12 .600 .08 .02 .00 .10 .01 .20 .04 .63 .03 .02 .02 .00 .02	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
ORSBY 1 MILE SW NET AFFORD OF SCALOOSA AIRPORT 6 INVERSITY RNOW	.34	.02	.10	.03	.01	.01	.03	*	.01	*	.03	.02 .05	.02 .07 .06	.02	* .14	* * .09	* .01 .08 * .01	.10	* .04 .08 .03	* .02 .02 .05 .15	* .05 .05 * .38	* .01 .03 * .08	* .12	.79 * .01 .03 *	1.
NISTON WE AIRPORT 6 HILAND // MORE STATE FARM BURN 4 MILES N LGREEN RMINGHAM WE AIRPORT AZ IDEVILLE NO 2 THAN CAA AIRPORT AT ROCK RT PAYNE EENVILLE NO 2 NTERSVILLE REC CCSONVILE // CK NO 1 JOHN STATE OF THE STATE	. 27 . 05 . 03 . 22 	* .01 .21 * * * .07 .05 * .04 .01 .14 - * .13 * .04 .04 .01	* .02 .07 * * .17 .02 * * .03 * .03	* .02 .01 .03 * .01 * .18 .01 * *		.06 .01 * 1.11 .06 .01 * .02 - 1.05 .02 * * .01 .04 .10 .91 - * *	.17		.13	.01	.01	.02	.07	.05	.03	-	-			-			-		1.

Table 5		,										-					011	- 3-10-													JAN	UARY	1949
Station				_												Day	of mo	nth	_				,	, ,		_ ,		. ~ 1					rage
	7	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27		29	30	31	Ave
ALBERTVILLE 1 MI S	X A M M I N	57 21	44 21	47 35	53 45	61 47	60 32	49 32	59 30		66 38			50 38	45 38	56 45	68 45		58 45	68 40	44 29	56 30	46 41		69 44	72 56		68 59	66 41	58 29	31 22	32 26	57.9 38.5
ALEXANDER CTY 6 MI NE	MAX	44 18	51 24	54 27	58 52	64 49	67 38	52 28	54 30	66 34	75 42	81 43	81 46	66 42	61 40	63 42	70 49			71 48	56 30	60 32	59 47	67 50	72 58	72 51	71 49	75 51	71 45	64 34	39 30	36 29	63.5 41.0
ANDALUSIA	MAX	50 26	55 33		65 50		75 44	50 35	55 36	69 37	72 50	82 52	84 52	75 50	67 46	73 48	74 51	78 55	72 59	75 52	70 49	59 41			79 53	80 60		78 63	75 51	60 38	41	45 31	67.8 46.2
ANNISTON	MAX	50 18	51 30	60 50		67 47	54 37	63 30	71 34	74 43	80 48		63 43	56 41	62 40	70 52	76 51	71 58		37	62 30	51 45	60 47	74 56	75 57	76 56	74 55	72 57	65 42	32	39 28	40 27	64.6 43.4
ANNISTON WB AIRPORT	MAX	48 18	51 27	59 48	64 50	56 45	51 35	63 30	70 34	74 42	80 46		61 43	55 41	61 40	71 52	75 52	70 57	74 56	57 36	60 30	50 45	59 46	73 55	74 55	76 53	73 52	70 58	63 39	40 30	38 26	38 27	62.7 42.4
ATMORE STATE FARM	MAX	49 27	55 28	68 37	70 64	72 62	74 45	51 33	61 33	68 39	79 42	83 51	84 54	72 51	68 49	75 50	76 50	75 53	77 64	75 50	56 38	56 38	71 56	80 63	80 62	80 62	75 58	72 60	75 53	64 37	41 29	35 30	68.3 47.4
AUBURN	MAX	39 22	51 28	55 35	59 52	63 54	67 40	50 28	61 33	65 42	77 48	79 51	81 53	69 42	62 42	66 45	70 53	73 58	74 57	73 52	58 33	58 35	56 47	69 51	67 56	71 51	73 51	74 55	71 54	60 34	42 29	38 30	63.6 43.9
BAY MINETTE	MAX	57 36	69 35	71 57	72 65	73 50	53 43	60 33	69 39	78 47	52 19	85 51	74 55	67 48	77 47	74 53	77 60	76 65	75 67	70 47	48 39	72 47	79 65	79 65	79 62	75 65	74 60	73 65	70 52	55 35	36 30	36 32	68.9 50.5
BIRMINGHAM WB AIRPORT	MAX	50 20	51 31	60 49	65 55	66 42	52 35	62 30	67 36	77 52	81 47	78 49	60 43	53 42	58 44	68 48,	75 54	65 48	70 54	54 34	58 28	57 47	60 53	74 56	73 58	75 60	73 60	68 53	61 36	36 27	33 24	34 27	61.7
BIRMINGRAM WB CITY	MAX MIN	48 23	52 26	59 42	60 54	66 58	64 33	55 34	65 36	68 47	76 55	83 55	80 51	62 41	54 41	59 51	66 53	75 45	64 48	71 40	46 29	59 31	57 49	62 55	74 61	73 62	76 60	73 61	68 44	64 33	35 24	33 24	62.8 44.1
BREWTON 3 MILES SSE	MAX	50 21	58 22	69 45	73 64	72 66	78 46	53 30	63 32	70 36	79 42	84	85 45	75 47	69 43	76 43	77 47	78 55	74 62	77 53	58 41	58 42	74 57	81 60	80 57	81 60	77 52	78 59	77 52	64 39	43	39 32	70.0 46.0
CENTREVILLE	MAX	54	62	64	63	60	55	64	66	80	81	72	68	64	67	69	75	68	75	67	59	65	80	81	79	82	69	68	59	65	46	46	66.9
CITRONELLE	MAX	47 29	55 39	62 45	70 60	73 69	71 44	57 36	61 43	69 44	79 52	81 52	82 54	72 50	67 49	76 50	74 55	75 63		75 44	54 36	58 37	72 58	77 67	77 62	78 66	73 61	74 64	74 49	65 35	43	33 28	67.8 49.5
CLANTON	MAX	44 23	52 24	56 36	64 56	66 52	67 38	52 30	60 30	69 36	77 46	79 46	84 47	67 41	59 42	63 45	68 46	75 49	74 59	72 44	50 31	58 31	57 49	65 55	74 59	72 60	69 55	76 55	67 44	65 34	37 27	34 27	63.6 42.5
CORDOVA	MAX MIN	42 17	44	60 48	63 54	68 55	58 32	55 29	64 34	70 44	79 44	82 44	80 49	61 38	54 42	60 50	72 54	74 44	70 46	72 39	49 29	60 42	60 50	71 53	76 58	76 58	75 60	75 58	74 45	61	36 23	35 22	63.7 42.4
DAYTON	MAX	53 25	62 38	68 51	68 62	70 48	75 38	55 35	64 39	66 49	76 52	70 49	80 51	59 48	59 45	69 53	75 54	73 51	65 52	74 41	56 29	56 35	68 55	75 62	72 60	78 63	73 59	75 59	71 45	64 34	44 27	35 25	66.1 46.3
DECATUR	MA X MIN	41	43	45 40	55 45	63 52	54	51	62 33	61 46	65 48	75 47	71 48	50 38	49	59 47	64 52	73 42	61	72 40	42 29	55 30	49	58 48	73 57	73 57	71 60	65 60	73 42	56 27	33		58.7 41.5
DOTHAN CAA AIRPORT	MAX	54 25	64 33	68 52	66 59	74 52	52 38	60 34	69 35	78 43	80 52	83 53	76 55	67 48	73 47	73 49	76 52	79 60	78 57	69 50	57 45	60 54	77 56	75 58	80 58	78 54	80 55	79 63	69 52	54 36	53 32	54 35	69.5 48.1
EUPAULA	MAX MIN	49	54 25	64 31	63 54	66 59	64 44	48	63 34	69 37	78 46	82 48	85 49	75 46	66 45	70 46	75 47	77 60	77 55	71 56	64 42	56 42	60 52	76 57	72 59	78 53	76 53	79 56	78 50	60 39	44	48	67.3 45.4
EVERGREEN	MAX	50 22	53 26	68 48	68 61	70 63	74 44	54	66 34	70 38	80 47		83 53	75 48	68 45	75 48	77 50	78 59	73 62	75 50	58 38	57 41	72 52		79 60	81	74 56	76 58	74 52	65 36	43	37	68.0 46.4
FAIRHOPE	MAX	56 29	72 35	73 60	73 67	73 55	55 46	60	70 40	76	79 51		79 55 1	70		74 54		76 61	76 64	70 46	48	73 46	77 62	78 62	80 60	76 62	74 60	76 63	70 50	57	38		69.3 50.2
FAYETTE	MAX	44	49	60	61	68	50	55 26	64 26	65			80	60	60	60 50	72 53	74	64	70 39	43 27	58 29	53 51	63 51	77 59	76 60	74 61	69		59	37 23		62.4
FRISCO CITY	MAX	50	55	67 41	69 63	71 65	68	54	65	67 37	79	84	85		67	75 49	76 55	78 56	77 64	76 47	55 35	57 37	7° 51	78 62	79 60	78 61	74 57	74 61	72 51	65 35	46	33	68.3 47.1
GADSDEN	MAX	42 18	49	48	56 45	61	63 35	52 27	63 27	66	66	80 40	80 42	56 42	50 38	62 47	71 48	75 54	6 2 50	71	51 26	60 29	46	56 44	72 54	74 51	76 49	70 50	69 40	63 33	38 26	34 27	60.7
GENEVA	MAX MIN	51	57 26	66 38	71 56	68 64	74 46	52 33	63 34	69 38	77	80	83	77 50	69	74	75	78 57	79 58	78 58	63 48	61 48	63 58	80 57	76 57	81	78 51	80 53	79 55	59 40	48		69.9
GOODWATER	MA X MIN	51	51	54	60	63	66 37	52 32	63 34	72 45	78	81	80 49	64	59 42	65	72 52	76 58	71 56	69 42	54			64 51	73 59	73 57	71 59	73 57		64 33	38 27		63.7
GREENSBORO		56 22											82 · 51 ·							67	41		66 36	72 63		73 57	71 62	66	72	71	25		66.5 45.1
GREENVILLE	MAX	45 24	52	63		68	73	51	60	69	79	81	83	691	61.	661	74	78	75	73 49		54 38	65 54	76 55	75 59	78 59	72 54	77 55	72 51		41 29	39	66.2 46.4
HALEYVILLE	MAX	43	45	49	56	65	48	51	61	61	73	80	77	49.	53	57	62	74	60	67 37	38		50	59		74	72 60		70 41				58.4 40.7
HIGHLAND HOME	MAX		54	60	62	69		50	61	68	78	79	84	70	62	65	72	72	71	73 50		52 37	60	75	72 58	78	72						65.2 46.4
HUNTSVILLE		42	46		58	62	50	61	61	65	77 1	75	51	44	57	67	73			51		50		71	72 60	70		70			28	37	57.5 40.3
LA FAYETTE	MAX	45	5.3	54	57	65	68	51	65	70	77	80.	84	70:	65 .	62	71	74		75	60	59	56	66	73	75	75	75	74	62	43	37	65.1 43.5
LIVINGSTON	MAX							67	68	771	80	82	71	61	64	75	75	72		62	53	64	67	77	77	74	70	76	74	56	34	36	67.6 46.5
LOCKHART	MAX	49	56	66 56	69	69 67	76 46	50	60	69	77	82	84	75	67	75	75	77	77 60	76	59	59	70	82	73	79 59	77 55	78 63	75	60	42	48	68.7 49.9
LOCK NO 4		43	49	56	60	65	64	50	62	65	74	79.	78	59	57	61	71	74	63 53	71	50	61	54		73		74	71		61	37	37	61.9
MADISON	MAX		43	48	55	61	54	50	61	62	66	79	76	49 1	46	58	71	73	66	73	42	57	48		73	74 54	70	64	72	56	34	34	58.2 37.2
MOBILE WB AIRPORT	MAX	57	69	69 63	72	72	55	62	68	75	79	84	75		77	72	73	76	75 55	58	52	71	73	74	75	73	73	75	65	49	34	34	67.3 49.8
MOBILE WB CITY	MAX	53	66	69		74	54	60	66	77:	82	83	73	69 1	73	72	72	75	71 59	59	52		76	76		74	73	74	65	54	35	36	67.1 51.7
MONTGOMERY WB AIRPORT	MIN	51	61	65	67	71	52	63	69	78	82	83	70	63	65	72	78	75	75	60	52	60	77	76	78	73	77	74	65	45	40	39	66.3
	MIN	26	29	51	38	17	40	34	36	44	48	50	52	44	47	48	48	57	58	41	34	50	59	59	58	57	54	64	44	33	29	30	46.1

DAILY	TEMPER	ATTIRES

ALABAMA JANUARY 1949

Station																Day c	í mo	nth															6000
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave Ave
ONTGOMERY WB CITY	MAX	52			66 57	71 46	52 43	63 37	68 42	78 50	81 54	83 56)	70 53	63 44	65 48	71 48	77 53	74 60	74 58	58 41	52 36	59 51	76 57	76 60			76 59		63 46	44 34		38 30	
USCLE SHOALS	MAX		44 35	57 42	60 54	61	51 31	63 35	61 46	68 51	80 49	72 47	49 40	46 38	61 43	64 53	74 48	48	69 43	30	52 27	52 47	55 47	70 51	74 59	72 56		74 49		32 20			
NEONTA	MAM MAN			51 32	58 50	63 52	63 35	51 30	62 30	62 37	73 44	80 44	80 45	53 40	52 40	60 48	72 50	76 50	61 47	70 40	45 30	58 30	51 45	62 47	72 60	74 47	75 56	70 57		61 31	34 23	33l 20l	
ZARK	MAM		54 29	64 37	65 55	65 61	71 44	49 35	60 37	69 39	78 48	83 55	84 57	75 45	65 46	71 49	72 49	75 55	76 56	77 57	60 43	56 44	58 54	74 57	70 58	75 53		78 58		59 38	43 31	53 32	
RATTVILLE	MAX MIN		51 27	60 32	64 49	68 58	69 42	48 33	60 32	67 39	74 46	78 47	81 51	68 44	66 45	65 45	68 46	76 53	74 58	74 47	53 35	55 39	60 43	72 50	76 59	74 57	72 52			64 36	41 30		6
USHMATAHA	MAN			1	-			1		80 39	80 45	80, 46	84 49	64 48	77] 50	77 51	78 52		65 50	52 39	45 30	59 33	69 56	73 59	78 63	79 65	73 57	73 56		43 34	32 30		
OBERTSDALE 7 MI E	MAX				66	72 66	70 57	57 46	61 32	74 46	80 46	82 47	75 55	71 48	76 48	72 51	74 57	72 64	77 67	70 51	51 41	72 50	74 63	77 63	78 62	76 64				56 39	47 34	40 31	
OCK WILLS	MAX			53 30	59 47	63 48	67 41	52 29	64 30	68 31	74 43	81 44	83 44	68 43	64	66 45	72 45	72 52	74 52	75 49	59 32	61 31		63 46	74 52	73 50	72 49	731 49	74 50	62 34	43 29	36: 30	
AINT BERNARD	MAX		48	52	56	65	50	52	64	65	75	80		44	50	58 46	70 46								72 56	70 59	72. 59		69 39	29	32 20	33 28	
COTTSBORO	MAX			50 41	54 48	63 51	30	53 29	63 32	63 40	68	81 44	79 40	39	58 37	62 45	70 45	73 48	69 48	69 39	55 29	49	50 45	57 47	65 56	75 53	68 54	67 56	67 50	60 27	34 21	34 27	
BLMA	MAX		51 27		67 59	70 60	70 42	54 34	64 34	69 38	76 48	80 50		65 46	60 47	67 49	68 50	76 53	71 61	76 46	52 34	55 34		75 60	77 60		751 561		70 47		30		
PRING HILL	MAX		37	68 57	70 65	73 67	72 45	56 36	62 40	50		51	84 56	75. 50	69 48	78 52	72 59	75 61	76 65	68 47	54 40	65 44	68 63	68 65	75 64	72 64	741 61		73 51	66 38	39 31	30	
ALLADEGA	MAX MIN		51		62 53	65 53	65 37	52 27	63 27	68 34	76 45	80 47	79 47		57 40		73 51	76 59	70 56	71 44	53 30	62 30	56 47	67 52	74 60	74 55	75 53		68 40	64 34	39 27		
HOMASVILLE	MAX		55 26	67 48	71 61	71 65	71 40	56 33	64 34	68, 41	80 55	81 57	84 51	61 48	64 48	72 51	75 53	76 60	67 53	75 43	47 31	56 30	70 55	77 64	78 60	79 60	75 59	75 59	72 45	65 33	38 22	32 24	
ROT	MAX		52 30	63	57	60	72 42	50 36	60 38	69 46	80 55	82 58	83 56	69 45	63 47	68 48	72 50	76 56	74 57	75 52	57 38	54 46	59 53	75 57	69 58	76 55	74 55	78 58	74 49	60 36	41 29	43 36	
USCALOOSA AIRPORT	MAX		55 32	64 51	68 58	68 44	56 34	65 29	67 35	77 49	82 46	81 47	62 49	62 41	68 47	73 47	53	67 47	73 52	53 36	59 30	58 50	65 56	77 56	77 61	75 62	75 58	75 53	63 38	39 30	35 24	34! 24	
USKEGER	MAX		69 42	76 51	63 i	73 62	65 42	61 34	70 35	78 44	81 50	82 52	78 54	69 45	66 46	70 52	47	77 60	76 73	74 51	70 50	58 33	75 54	72 68	80 60	76 54	78 55	73. 65	69 61	63 37	31	40 37	
NION SPRINGS	MAX			59 48	57	65 59	72 40	34	59 37	68 45	78 50	81 52	82 54	71: 44	61 44	60 50	72 53	70 60	75 57	71 52	58 36	52 41	57 50	75 56	72 60	75 55	75 55	60	74 48	61 36	29	41 33	
NIVERSITY	MAX			64 52	68 59	68 44	55 37	62 32	65 38	75 52	80 50	80 50	61 49	60 41		70 51	75 54:									74 63	73 60	72 55		49 30	33 24	33 25	
LLEY HEAD	MAX		17	52 36	52 45	59 49	61 30	49 25	60	66 36	68 42	77 46	45	50 45	55 36	55 40	65 48	49	60 49	71 41	65	60 39	56 41	60 45	62 45	71 53	71 54	72! 55.	70 37	59 39	40 22	36 24	60 60
TUMPKA	MAX	46	52 25	581	62 57	67 55		52 35	61 34	65	71	78 48	78 48	70 45		68	70		74 60	75 51	56 35	55 35	60 52	72 53	75 61	74 57	72 55	75 54	73 52	65 36	42 30	40 32	

Table 6 EVAPORATION AND WIND MOVEMENT | ALBAMAY 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1949 | 1

SEE REPERENCE NOTES POLLOWING STATION INDEX

			-	()}									Obser		JANUARY 1949
Station	Index No.	Drainage † Latitude	non	Temp.		Refer to tables	Station	Index No.	County	-Drainage ‡	Latitude	Elevation	vation time	Observer	Refer to tables
ALICEVILLE ANDALUSIA	0008 HENRY 0063 WINSTON 0071 LAWRENCE 0117 LIMESTON 0140 WILCOX 0148 MARSHALL 0163 TALLAPOO 017P PICTURE 0252 COVINGTO 0267 CALHOUN	1, 32 14 87 25 12 34 16 86 13 11 32 59 85 52 13 33 08 89 10	1500 600 1114 660 346 724	6A 6/8A 8/7/6P 6F	D J. P. MITCHELL D PALMER GODSEY 4 U.S.F.S. ALA. POLY. INST. A PAT M. COURINGTON F. E. BLACKBURN HOSIE PHILIPS WM. M. GARRETT U.S. WEATRER BUREAU	3 4 3 4 3 3 3 3 5 2 2 3 5 2 2 3 5 2 2 3 5	LOCK NO 3 LOCK NO 4 LOCK NO 17 MADISON MAGELLA MAGNOLIA MARION 1 MILE SSE MARION JUNCTION MARTIN DAM MAXWELL PIELD	4845 4855 4976 4996 5004 5108 5116 5140	CHOCTAW TALLADEGA TUSCALOOSA MADISON JEFFERSON MARENGO PERRY DALLAS TALLAPOOSA MONTGOMERY	7 3 3 3 3 3 3 3 3 3 3 3 3 3 3	32 17 88 6 33 38 86 7 44 42 86 87 44 42 86 87 13 30 86 8 12 08 87 12 26 87 12 26 87 12 25 86 8	11 510 280 280 15 573 11 654 18 263 4 204 15 340	SP 7A 7A 6P 6P 6A MID 8A 8A	U. S. ENGINEERS U. S. ENGINEERS U. S. ENGINEERS U. S. ENGINEERS HARRY F. CANTER ALABAMA POWER CO. DR. T.H. GAILLARD O. MYRON HOLIFIELD MRS MARGAR T. SHITH ALABAMA POWER CO. U.S. ARWY AIR FORCES	2 3 5 5 3 4 3 4 3 3 5
ARLEY ASHLAND ASHYILLE ATHENS ATMORE STATE FARM AUBURN AUBURN AUTAUGAYILLE N AUTAUGAYILLE	0272 CALHOUN 0338 WINSTON 0369 CLAY 0377 ST. CLAI 0390 LIMESTON 0402 ESCAMBIA 0422 LEE 0427 LEE 0427 LEE 0440 AUTAUGA 0546 COLBERT	7 33 35 85 51 2 34 04 87 13 11 33 16 85 50 7 33 50 86 16 8 10 87 29 11 32 46 86 30 11 32 40 85 29 11 32 26 86 30 12 34 43 87 52	880 709 732 463	7/4 MII 8/4 7/4 6P 6F 8/4 8/4 MII 8/4	U.S.WEATHER BUREAU ARS, LESSIE HILLER JENNY L. MC QUEEN ARS, B. C. BANKS TYA-62 ATMORE STATE FARM ARS MARTHA I. MOORE SCS JCS JCB, NSIGHBORS TVA-6462	2 3 4 5 3 4 3 3 2 3 4 5 2 3 4 5 6 3 4 3 3	MELVIN MERTZ 3 MILES E MIDMAY MILLERS FERRY MILLERS FERRY MILSTEAD MITCHELL DAM MOBILE WE AIRPORT MOBILE WE BITY MONTE SANO	5382 5397 5417 5427 5439 5465 5478 5483	CHOCTAW BIBB BULLOCK WILCOK WISHINGTON MACON CHILTON MOBILE MOBILE MADISON	3 3 4 3 1 3 3 1 1 3 3 9 3 9 3 9 3	11 56 88 1 12 53 87 2 12 04 85 3 12 06 87 2 11 38 88 1 12 27 88 6 12 24 88 6 10 41 88 1 10 42 88 6 14 45 86 3	80 600 82 78 89 362 84 206 87 350 82 10	SA MID SA 6P 6P SA 6A MID MID MID MID	JOHN R. LAND USFS MATHEW W. HALL MORMAN D. WILLIAMS MARDIS M. BLOUNT T. C. CARR ALABAMA POWER CO. U.S. WEATHER BUREAU U.S. WEATHER BUREAU TVA-530	3 3 4 3 5 3 5 3 4 5 2 3 4 5 3
BEATRICE BELGREEN BERRY BEXRY 2 MILES SE BILLINGSLEY BIRMINGRAW WB AIRPORT BIRMINGRAM WB CITY	0583 BALDWIN 0616 MONROE 0631 FRANKLIN 0748 FAYETTE 0790 MARION 0823 AUTAUGA 0831 JEFFERSO 0836 JEFFERSO 0854 COLBERT 0957 MARSHALL		268 910 610 694 470	TA MII MII TA KID MII BA 8A	GROVER W. WOODWARD W. P. DUNN TYA-43 MISS CLARA R. OLIVE WM. H. WHITEREAD MESS.T. L. GALLMAN U. S. WEATHER BUREAU MESS. CARRIE B. HORTON TYA-42 MILFORD H. DOOLEY	3 5 3 4 3 4 3 4 5 2 3 4 5 2 3 4 5 3 3 4	MONTEVALLO MONTGOMERY WB AIRPORT MONTGOMERY WB CLTY MOULTON MUSCLE SHOALS NEW BROCKTON HERBURG NEW MARKET HERTON ONEONTA	5550 5555 5625 5749 5842 5847 5862 5875	SHELBY MONTGOMERY MONTGOMERY LAWRENCE COLBERT COFFEE FRANKLIN MADISON DALE BLOUNT	1 3 12 3 12 3 5 3 12 3 12 3 2 3	3 06 86 5 2 18 86 2 2 23 86 1 4 29 87 1 4 44 87 3 1 23 86 3 4 29 87 3 4 54 86 3 3 57 86 3	198 8 201 7 630 6 540 6 560 725 7 216 8 857	MID MID MID MID MID MID MID MID 7A 7A	M. P. JETER U.S. WEATHER BUREAU U.S. WEATHER BUREAU TVA-981 CAA E. EARL BOYETT TVA-644 TVA-624 FURN WYNN L. E. SELLERS	3 4 5 2 3 4 5 2 3 4 5 3 4 5 3 3 4 3 3 3 3 2 3
BRIDGEPORT 2 MILES W BRUNDIDGE CALERA CAMPBELL	1069 CRENSHAW 1084 ESCAMBIA 1099 JACKSON 1178 PIKE 1288 SHBLBY 1315 CLARKE 1377 WALKER 1492 MORGAN 1497 LAUDERDAI 1520 BIBB	6 31 35 86 16 6 31 04 87 03 12 34 56 85 44 5 31 43 85 49 7 33 06 86 45 13 31 55 87 59 2 33 54 87 32 12 34 23 86 38 12 34 49 87 25 3 32 57 87 08	284 85 660 515 500 430 700 600 230	6P 6A 5P 8A 8A MID 7A 7A	R. E. HENDERSON MRS. CLARA T. PEAVY MISS M.LOUISE JONES GEO. L. HICKS L & N R. R. AGENT E. DOUGLAS REID MISS MAY C. RAY U.S. DEPT. INTERIOR TYM-521 W. D. HOLLIFIELD	3 5 3 3 3 4 3 3 3 3 3 2 3 5	ORRYLLE OZARK PAINT ROCK PALMEROMLE PERRYVILLE PETERMAN PICKENSVILLE PINE HILL PINE LEVEL PLANTERSVILLE	6218 6226 6246 6362 6370 6414 6460 6468	DALLAS DALE JACKSON JEFFERSON PERRY MONROE PICKENS WILCOX MONTGOMERY DALLAS	12 3 3 3 1 3 1 3 1 3 6 3	2 18 87 1 1 23 85 3 4 40 86 2 3 44 86 3 1 35 87 1 3 13 88 1 1 59 87 3 2 04 86 0 2 39 86 5	0 610 9 8 6 6 6 110	MID 10A 8A MID 7A 8A 7A	EDWARD B. WARREN MRS. MARY E. SCOTT TVA-69 ROBERT P. STORES MRS. GENTRUDE GREEN MRS. MINTA EDDINS MRS. DORA I. CLAY AUBREY T. WEATHERLY C. W. ADAMS O. W. BURNES	3 4 3 1 3 3 4
CLAWTON CLAYTON COFFEE SPRINGS COLLINGVILLE COLUMBIA CORDOVA CUBA	1615 TALLADEG 1685 MOBILS 1694 CHILTON 1725 BARBOUR 1807 GENEVA 1849 DF FALD 1865 HOUSTON 1940 WALKER 2079 SUMTER 2119 TALLAPOOS	7 33 17 86 21 9 31 05 88 14 7 32 51 86 38 5 31 53 85 27 7 14 15 88 50 6 2 33 46 87 11 13 32 26 88 23 4 11 32 50 85 45	540 331 590 590 255 734 130 334 215 760	6P 6P 7A 7A 8A 7A 8A 8A 8A 8A	ALABAMA POWER CO. B. O. JONES HUGH M. SIMPSON CARL J. ROEBUCK C. B. ADKISON WRS 9 CUNNINGHAW COV THOMPSON WRS C. GRESBAM REUBEN P. HARRIS DR. W. B. FULTON	3 5 5 2 3 5 5 3 3 5 5 3 5 5 3 5 5 3 5 5 5 5	PLEASANT HILL PRATTYILLE PRIMROSE FARM PUSHMATARA RED BAY REFORM RIVER FALLS RIVER FALLS 2 MILES NE ROBERTSOALE 7 MILES E ROCK MILLS	6640 6684 6719 6805 6847 6937 6942 6988	DALLAS AUTAUGA WONTGOMERY CHOCTAW FRANKLIN PICKENS COVINGTON COVINGTON BALDWIN RANDOLPH	1 3 1 3 12 3 12 3 6 3 6 3 9 3	2 09 86 5 2 28 86 2 2 20 86 1 2 12 88 2 4 12 86 3 1 21 86 3 1 23 86 3 0 33 87 4 3 09 85 1	8 281 5 180 1 627 1 2 3 8 148	6P 6P 8A 6P 6P 7A 7A 8A MID 6P 6P 6P	CHARLES M. HERRY J. N. BUCKNER W. E. ELSBERRY MRS. JANIE C. BROWN TVA-493 W M MC DONALD JOHN R. BRADLEY ALABAMA ELECTRIC CO CARL BOSECK JAMES B. BAILEY	3
DANCY DANVILLE DATTON DECATUR DECATUR NO 4 DECATUR SUBSTATION DEMOPOLIS	2124 TALLAPOON 2141 PICKENS 2149 MORGAN 2189 MAPENCO 2207 MORGAN 2216 MORGAN 2221 MORGAN 2220 MARENGO 2372 ROUSTON 2577 COFFEE	A 11 32 50 85 46 13 33 01 88 46 12 34 25 87 04 13 32 11 87 39 12 34 37 86 58 12 34 37 86 58 12 34 36 86 58 13 32 31 87 51 5 31 15 85 27 10 31 25 88 04	207 595 573 600 588 100 322 204	7P 7A 8P 6P 6P 8A 6A 8A 7A	JAY D. LAME E. P. SMITH TVA-503 JAMES W. CREWS MES. FREDA TRIMBLE TVA-411 J. A. ROBERTSON CAA DOZIER B. ROBERTS	3 4 3 5 5 3 3 4 5 3 3	SAINT BERNARD SAND MIN. STATE FARM AP SAYRE SCOTTSBORO SUBSTATION SEALE 7 MILES WHW SELMA - SHEPFIELD TVA HRSY SHOEMAKER SPRINGS SLOCOMB	7207 7282 7304 7310 7328 7366 7415 7460	CULLMAN DE KALB JEFFERSON JACKSON JACKSON RUSSELL DALLAS COLBERT LIMESTONE GENEVA	12 3 12 3 12 3 4 3 1 3 1 2 3 1 2 3	4 12 86 4 4 17 85 5 3 43 86 5 4 41 86 6 4 41 85 1 2 18 85 1 2 25 87 0 4 46 87 4 4 51 87 1 1 06 85 3	8 1195 8 304 2 660 1 660 7 358 0 147 2 505 2 610	6P 7A 7A 8A 6P 8A 7A	PR. FREDERICK SMITE ALA. POLY.INSTITUTE DORA R. WEBSTER MRS. KINZIP BOBO TVA-76A B. G. BUSH JOHN O. REODES TVA-49 TVA-682 PATRICK H. SMITE	2 2 3 5 3 3 5 3 5 3 5 3 5 3 5 3 5 3 5 3
EUFAULA EUTAT LOCK NO 7 EVERGREEN PAIRHOPE PALLS CITY 6 MILES NW PARLEY	2632 TÜSCALOO 2727 BARBOUR 2742 GRENE 2758 CONECUE 2813 BALDWIN 2840 MORGAN 2848 WINSTON 2867 MADISON 2883 FATETTE 2945 JACKSON	A 13 33 15 87 48 4 31 53 85 08 2 32 47 87 50 6 31 26 86 58 9 30 32 87 55 12 34 22 86 55 2 34 04 87 20 12 34 36 86 34 13 33 41 87 50 12 34 6 85 41	254 340 23 620 650 670 359 1380	6P 8A 8ID 6P 7A 7A 8A 8A 8A	K. V. BERRY BARRY E. MAUGANS E. B. BOLDROOK MES.JESSIE D. COLSON BAROLD F. YATES TVA-384 USFS TVA-57 WM. M. RILEY TVA-387	3 5 5 6 3 5 6 3 3 2 3 5 6 3 3 2 3 5 6	SMITHSONTA SNOW HILL SOUTH HILL SPRING HILL SWAIM SYLACAUGA TALLADEGA TALLADEGA HORN MTN.TOWE THOMASVILLE	7620 7671 7733 7968 7994 8012 8024 R8032	LAUDER DALE WILCOX DE KALB MOBILE JACKSON TALLADEGA DE KALB TALLADEGA TALLADEGA CLARKE	1 3 9 3 12 3 7 3 12 3 7 3 7 3	4 46 87 5 2 00 87 0 4 24 86 0 0 42 88 1 3 10 86 1 3 10 86 1 4 34 85 4 3 26 86 0 3 18 86 0 1 55 87 4	1 225 2 990 0 175 3 665 3 548 9 1400 6 554 4 1919	7A 7A 9A 9A 7A 8A 7A 6P 6P 9A	TVA-583 MRS. EVA R. RAY TVA-75 EAMLIN H. TIPPINS TVA-385 ALABAMA POWER CO. TVA-386 C. D. WEAVER USFS MRS. MINNIE DEATON	3 3 5 2 3 5 2 3 5
PLORENCE AT LOCK PORT DEPOSIT PORT MORGAN PORT PAYME PRISCO CITY GADSDEN AINESVILLE GARDEN CITY CEMEYA COODWATER	2976 LAUDERDA 3024 LOWNDES 3035 BALDWIN 3043 DE KALB 3105 MONROE 3151 ETOWAH 3160 SUNTER 3200 CULLMAN 3255 GENEVA 3399 COOSA	.E 12 34 47 87 40 6 31 59 86 35 9 30 14 88 01 7 34 26 85 43 8 31 26 87 24 7 34 01 86 00 2 34 00 86 44 5 31 02 85 52 7 33 04 86 03	450 520 879 554 130 107 826	7A 8A MII 8A 7P 8A 7A 7A 6P 7A	FRANK J. FIELDS MRS. G. MC KENZIE REBECCA CAMPBELL	3 3 4 5 3 4 5 3 4 5 3 4 5 3 4 5 3 4 5 3 4 5 3 4 5 3 5 3	THORSEY 1 MILE SW THURLOW DAM THORSE TORSE TORSE TRAFFORD TROY TUSCALOOSA AIRPORT TUSCALOOSA LOCK & DAM TUSKEGEE UNION SPRINGS	8215 8223 8259 8285 8323 8380 8385 8398	CHILTON ELMORE WASHINGTON WADISON JEPFERSON PIKE TUSCALOOSA TUSCALOOSA MACON BULLOCK	11 3 13 3 12 3 2 3 10 3 2 3 2 3 11 3	2 54 86 4 2 32 85 5 1 22 88 1 4 54 86 4 3 49 86 4 1 49 85 5 3 14 87 3 3 13 87 3 2 24 85 4 2 08 85 4	4 288 5 226 750 4 8 590 7 170 5 152 2 459	6A 8A MID 7A 8A 8A MID MID 7A 5P 5P 6P 8A	U. S. ENGINEERS W. T. TROMPSON MRS. DOROTHY SMITE	3 4 3 3 3 4 2 3 4 5 2 3 4 5 2 3 5 2 3 5
GREENVILLE NO 2 GULF SHORES 2 MI SSE GUNTERSVILLE GUNTERSVILLE CTY WATER GUNTERSVILLE DAM BALEYVILLE	3430 WALKER 3511 HALE 3519 BUTLER 3524 BUTLER 3559 BALDWI 3573 MARSHALL 3578 MARSHALL 3583 MARSHALL 3620 WINSTON 3644 MARION	2 33 39 87 13 2 32 42 87 36 6 31 50 86 38 6 31 50 86 38 9 30 16 87 40 12 34 21 86 18 12 34 22 86 17 12 34 26 86 27 2 34 14 87 38 13 34 08 87 59	300 220 444 10 640 610 611 947 498	5P 8A 6P 8A MII 8A MII 7A 6P 7A	TVA-403 TVA-70	3 5 2 3 5 3 4 3 5 CLOSED 1/27/49 3 4 5 3	UNIOPTOWN UNIVERSITY VALLEY HEAD VANCE VERNOW WADLEY WALLEY WALKUT GROVE WATERLOO WEST BLOCTON	8454 8469 8477 8517 8605 8637 8648 8686 8809	PERRY TUSCALOOSA DE KALB TUSCALOOSA LAMAR RANDOLPH ESCAMBIA ETOWAH LAUDERDALE BIBB	2 3 7 3 3 3 11 3 6 3 2 3 12 3 3 3	2 27 87 3 3 12 87 3 4 34 85 3 3 10 87 1 3 08 85 3 1 12 87 1 4 04 86 1 4 55 88 0 3 07 87 0	3 225 6 1031 3 180 4 640 4 850 4 445	MID MID 6P 8A 7A MID 6A 8A 7A 7A 8A	MRS. CARRIE DALBY WM. F. VANCE G. C. MOORE, JR. ALABAMA POWER CO, MRS. RUBY SOWELL MRS. FLORENCE PARKER HORACE E. PYBURN RUPERT M. BEARDEN	3 4 3 3 3 3 3 3
HARRISBUEG 6 MILES SE RATMEVILLE BELENA BIGGILAND HOME BIGGTUNER BODGES BUNTSVILLE SUBSTATION BUNTSVILLE BYTOP JACKSON SHOALS	3697 PERRY 3748 LOWNDES 3763 SHELBY 3816 CRENSRAW 3842 CLEBURNE 3899 FRANKLIN 4060 MADISON 4068 MADISON 4099 JACKSON 4198 TALLADEG			5P 5F 8A 6A 6A MID MII 7A 8A	A MAXIME E. WATSON A RODOLPH ENGLAND LURE JORDAN AMS. RAEL LINDSEY AFRANK L. HAYNES A TVA-65 D.U.S. WEATHER BUREAU A TVA-78 A ALABAMA POWER CO.	3 3 2 3 5 3 3 3 2 3 4 5	WETUMPKA WHATLEY WHEELER DAM WHISON DAM WINFIELD 2 MILES SW YATES HYDRO PLANT YOUNGS STORE	8867 8875 8980 8998 9103	ELMORE CLARKE LAWRENCE COLBERT FAYETTE ELMORE LAUDERDALE	13 3 12 3 12 3 13 3 11 3	2 32 86 1 1 39 87 4 4 47 87 2 4 49 87 3 3 56 87 4 2 34 85 5 4 57 87 5	3 1 580 7 530 9 468 4 335	7A 7A 6A 7A 6A	MRS. D. R. WHITAKER LEONARD L. COLEMAN TVA-52 TVA-471 W. W. COTNEY ALABAMA POWER CO. TVA-621	2 3 5 3 3 3 3 3 3
JACKSONVILLE JORDAN DAM LA PATETTE LAY DAM LEDGE LESSUNG LIVINGSTON LOCKMART LOCK NO 1 LOCK NO 2	4209 CALBOUN 4306 ELMORE 4502 CHAMBERS 4603 COOSA 4619 JEFFERSO 4627 CHEROKEE 4798 SUMTER 4822 COVINGTO 4830 CLARKE 4835 CHOCTAW	7 34 11 85 46 13 32 35 88 11	290 830 420 636 589 160 290 11	8A 8A 8A 7A 6P 6F 8A 8A	DELOY E. OWEN ALABAMA POWER CO. CLARENCE H. PINCHER ALABAMA POWER CO. WRS. MARY K. LEE POPUL M. SEWELL POPUL M. SEWELL C. YOUNG U. S. ENGINEERS U. S. ENGINEERS	3 4 2 3 5 3 4 3 3 2 3 5 2 3 5 3 4 3				1					

1 -ALABAMA; 2-BLACK WARRIOR; 3-CARADA; 4-CHATTAROOCHEE; 5-CROCTAWRATCHEE; 6-CONECUH; 7-COOSA; 8-ESCAMBIA; 9-GULF; 10-PFA; 11-TALLAPOOSA; 12-TENNESSEE; 13-TOMBIGBEE

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a State.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bul'etin are: Temperatures in °F, precipitation and evaporation in inches, and wind movement in miles. Evaporation is measu ed to the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.

Amounts in Table 4 are from recording gages. Traces are not shown

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time

No record.
And also on later dates.
And also on later dates.
And also on later dates.
Anount included in following measurement, time distribution unknown.
Gage is equipped with a wisadshield.
Gage is equipped with a wisadshield.
Adjusted to a full month.
Water equivalent of monfall wholly or partly ceitmated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
Water equivalent of monfall wholly or partly ceitmated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.
Station equipped with recording gage only. All amounts in Table 3 are for non-recording gages, except for stations with this reference.
Trace, an manual too small to measure.
Observation time is 1:300 A E.S.T. of the following day.
Hourly amounts from recording gage at the same site may be found in Table 4.

Subscription Price: 15 cents per copy; \$1.50 a year (Yearly subscription includes Annual Summary). Correspondence regarding subscriptions should be addressed to the Weather Records Processing Center, 430 Post Office Building, Chattanooga 2, Tennessee.

- 14 -





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CLIMATOLOGICAL DATA

ALABAMA

FEBRUARY 1949

Volume LV No. 2



ALABAMA - FEBRUARY, 1949

A. R. Long, Section Director - Montgomery

General Summary

Rainfall this February averaged near normal in the southeast and northwest, but over a central area extending from Clarke, Choctaw, and Sumter Counties northeastward through Calhoun and Etowah Counties, monthly totals were from one to four inches above normal. Rain was frequent in all sections, and the longest period without important precipitation was from the 20th to the 26th.

Relatively mild temperatures prevailed throughout nearly the entire month. It was rather cool on the 1st, when a morning minimum of 14 degrees was recorded at Muscle Shoals, and low readings over the south ranged from 29 to 33 degrees. On the 1lth, minimum temperatures were as low as 25 degrees in the north and 31-32 degrees in some south central localities. Thereafter, no widespread freezing weather occurred, although low readings of 29-33 degrees were reported in the north on the 31st. Maximum temperatures were unusually high at most stations from the 13th to the 15th, and again on the 22d.

Wet soil hindered ground breaking for spring crops except in the southeast and extreme south, and as the month ended, little of this work had been done in the north.

Under the influence of continued mild temperatures, the abnormal progress of winter grain, cover and pasture crops, and wild pasturage, was accelerated. Fall planted turnips and older collards in the south central section bloomed out to seed by the middle of the month, and most pear trees in the south, as well as azaleas in the parks near the coast were in full bloom at this time. Peach trees, however, did not advance too far because the late autumn delayed the onset of winter dormancy. Baldwin County Irish potatoes got an early start, and in some fields were near 6 inches high at the end of the month. Some out of season strawberries were marketed in the growing section of Butler and Conecuh Counties.

Cultivated fields were too wet for grazing much of the time, but as a whole, cattle benefitted from the abnormal amounts of available forage.

A wind storm about 3 miles southwest of Red Level, in Covington County, at 9 a.m. on the 19th, destroyed 2 houses and injured 5 persons, one seriously. The storm was probably a tornado, since the path was short and only 100 yards wide. The total damage was \$8,000. The direction of movement of the storm was from the west toward the east.

Flood stages prevailed throughout the month in the Tombigbee below Gainesville, and there was moderate flooding in the Warrior, the upper Coosa, the lower Alabama, and the headwaters of the Cahaba, late in the month.

TEMPERATURE

The monthly mean temperature, determined from the records of 60 stations, was 49.0°, or 4.9° above the normal. The highest local monthly mean was 61.9° at Robertsdale; the lowest was 46.8° at Madison. The highest temperature recorded was 84° at Brewton on the afternoon of the 22d; the lowest was 13° at Muscle Shoals on the 1st, making the monthly range for the State 71°.

PRECIPITATION

The monthly average for the State, determined from the records of 59 stations, was 6.20 inches, or 0.90 inch more than normal. The greatest monthly amount was 10.05 inches at Alberta; the least was 2.91 inches at Brantly. The greatest amount of precipitation in any observational day was 4.64 inches at Melvin, measured on the morning of the 16th. Precipitation amounting to 0.01 inch or more fell on an average of 11 days.

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages—mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the date, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

ALABAMA FEBRUARY 1949

	Sea lev	el pressure	extremes—in	ches		Wind spee	d-m.p.h.		Relativ	e humidity	average -pe	rcent	Sunshine	
Station	Highest	Date	Lowest	Date	Average	Maximum	Direction of maximum	Date of maximum					Percent of possible	Degree days
ANNISTON WB AIRPORT	30,48	12	29.90	27	7.8	37	WNW	10	76		1		-	377
BIRMINGHAM WB AIRPORT	30.46	17	29.90	27	9.8	30	SW	15	75	- 1	1		30	378
MOBILE WB CITY	30.42†	11	29.85†	27	10.7	37	NW	10	80†		1		38	144
MONTGOMERY WB CITY	30.46†	11	29.87†	10	7.4	24	S	15	75†		1		41	237
† AIRPORT DATA	9		1											
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Table 1

COMPARATIVE DATA

		[emperatur	е	Precip	itation		1	l'emperatur	е	Precipi	tation			Temperatur	9	Precip	itation
Year	Average	Highest	Lowest	Average	No of days	Year	Average	Highest	Lowest	Average	No. of days	Year	Average	Highest	Lowest	Average	No. of days
1884 1885 1886 1887 1888	53.6 43.3 44.2 57.5 50.8	80 81 86 81 79	20 1 4 20 9	6.21 3.63 3.03 5.68 5.29	- 8 5 8 9	1909 1910 1911 1912 1913	51.1 45.7 54.6 43.2 47.8	89 80 84 76 80	5 -4 15 2	7.51 5.40 3.28 4.99 5.74	10 9 7 9	1934 1935 1936 1937 1938	45.5 50.2 46.5 48.8 55.5	80 82 80 83 85	9 10 -7 14 18	4.73 4.41 7.34 4.93 1.90	7 8 10 9 4
1889 1890 1891 1892 1893	45.9 57.1 54.9 52.4 52.7	80 84 83 83 82	7 24 15 18 14	4.09 6.82 8.57 3.27 6.42	6 8 14 6	1914 1915 1916 1917 1918	46.1 48.6 47.2 48.9 53.6	82 74 80 85 86	13 17 10 2 9	4.19 4.79 4.00 5.53 2.39	8 7 7 9 7	1939 1940 1941 1942 1943	53.5 45.9 44.3 44.9 50.9	87 82 72 79 83	10 10 17 11 7	10.21 6.89 2.78 4.73 2.30	13 12 8 7
1894 1895 1896 1897 1898	48.7 38.0 48.3 51.6 46.3	80 77 77 85 82	12 -5 8 12 10	7.47 2.69 5.82 6.56 2.08	12 6 8 9 5	1919 1920 1921 1922 1923	47.7 46.3 51.0 54.3 47.8	80 77 81 83 83	17 11 16 15	6.93 4.11 5.21 6.11 5.93	10 9 9 9	1944 1945 1946 1947 1948	55.7 53.2 51.2 42.8 52.1	86 85 78 80 . 86	10 10 17 9	7.21 7.05 6.58 1.98 6.31	16 12 8 4 12
1899 1900 1901 1902 1903	40.3 44.5 43.5 41.0 48.6	80 82 74 73 83	-17 6 11 11 0	6.08 8.46 4.23 6.57 10.89	15 10 6 8	1924 1925 1926 1927 1928	47.1 53.5 51.2 58.7 48.2	81 82 80 85 83	12 19 20 22	4.59 3.53 4.42 6.45 3.79	8 8 6 8	1949 Period	53.9 49.0	84	12	6.20 5.30	
1904 1905 1906 1907 1908	49.6 39.9 46.0 49.5 44.7	84 77 75 81 79	18 -18 11 14 8	4.07 7.42 2.51 4.98 6.26	8 10 6 8 9	1929 1930 1931 1932 1933	46.0 53.9 49.8 58.1 49.1	78 86 77 86 84	12 19 18 22 -2	9.17 2.26 3.41 5.02 6.21	11 6 7 9						b.

Section Property	Table 2	-					,L,11VI.			GICF	T DA	.IA					F		¥ 1949
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SIGNION		1						No. o	f days		ovel			Snov	w, Sleet, H	il	N	o. of day	78
ANNISTON ALTROPORT 0.1.0 7.4 7.9 14 28 1 3 8.80 20 2.1 2.7 4 8 8 1 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	Station	Average	from nor	Highest	Date	Lowest	Date	90° or	32° or	Total	from no	eatest	Date	Total	depth	Date	ŏ	ĬO.	JO .
ANDSTORM ALTESOT 50.3 7.4 79 14 28 1 3 8.69 3.00 2.14 27 11 12 10 2 1 11 12 10 2 1 11 12 10 2 1 11 12 10 2 1 11 12 10 2 1 1 11 12 10 2 1 1 1 1	NORTHERN DIVISION										,								
December 46.2 4.3 77 14 19 1 8 4.86 0.43 1.08 18 1 1 1 1 2 2 1 1 1 1	ANNISTON ANNISTON WB AIRPORT BIRMINGHAM WB AIRPORT	53.3 51.8 51.7	7.4 - 5.2	78 77	14	25 24	1		5	8.63 7.26 8.29	3.20	2.11 1.65 1.46	27 16 27		т	11	14 13 13	9 9 10	3 3 3
NUMBER 1.5 1	DECATUR FAYETTE GADSDEN	48.3 49.7 49.0	4.3 - 3.9	77 79 78	14 14 15	19 12 22	1 1 1		8 10 11	4.86 5.24 8.15	0.43 - 0.25 2.75	1.68 1.25 1.89	16 16 16		1	1	11 9 13	6 8	2 1 4
BOCK HILES 51.7% - 76	HUNTSVILLE LOCK NO 4 MADISON	47.7 50.3 46.8	3.8 2.6	74 77 76	13 15 14	18 24 15	1 1 1		10 7 12	4.71 9.91 4.56	4.37	1.10 2.55 1.48	15 27 16				13 10 9	6 8 5	1 5
DIVISION So.1 G.0 80 15 24 1 10 10 10 10 10 10 10	ROCK MILLS SAINT BERNARD SCOTTSBORO	51.7M 47.8M 50.2M	2.1 6.9	76 75 79	14+ 14 13	27 19 19	1+ 1		5 11 8	4.37 6.43 6.07	- 1.23 1.51 1.23	0.78 1.67 1.65	27 19 19				13 12 11	8	4
MIDDLE DIVISION ALEXANDER CITT 6 MILES NE 53.8 2.6 775 16 27 1+ 3 5.38 -0.123 1.26 27 11 17 7 1 18 7 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	UNIVERSITY	53.1	6.0	80	15	24	1		3			1.38	9						
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AUBURN																			
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MANYELL FIELD	GREENSBORO GREENVILLE HIGHLAND HOME	54.7 56.8 56.0	5.1 6.6 4.2	80 79 80	14+ 16 16	25 28 27	1 1 1		3 2 2	6.55 6.02 7.78	1.42 0.35	2.50 1.58	16				10 11 8	6	2
THOMASVILLE 55.3 5.4 81 16 24 2 4 9.58 4.19 2.44 16 9 8 4 TROY 57.1 4.2 79 134 30 1 2.92 -2.23 0.80 10 7 5 TUSKEGEE 58.8M 8.2 79 134 30 1 2.92 -2.23 0.80 10 7 5 TUSKEGEE 58.8M 8.2 79 134 30 1 3 9.34 3.38 3.05 20 WETUMPEA 54.8 4.7 78 16+ 30 1+ 4 5.46 -0.08 1.11 9 10 6 ADDIVISION 55.4 60.2 6.22 6 6.22 6 ANDALUSIA 60.3 -80 10 29 1 1 2.92 - 0.80 10 10 ANDALUSIA 60.5 5.1 80 14 28 1 1 8.32 2.54 4.05 19 EREFUTON S MILES SSE 59.4 5.9 84 23 29 1 4 4.66 -0.72 1.12 20 EREFUTON S MILES SSE 59.4 5.9 84 23 29 1 4 4.66 -0.72 1.12 20 EVERGREEN 58.3M 6.4 81 23 28 2 2 5.63 0.08 1.31 20 EVERGREEN 58.3M 6.4 81 23 28 2 2 5.63 0.08 1.31 20 EVERGREEN 58.3M 6.4 81 23 28 2 2 5.63 0.08 1.31 20 EVERGREEN 58.3M 6.4 81 23 28 2 2 5.63 0.08 1.31 20 EVERGREEN 58.3M 6.4 81 23 28 2 2 5.63 0.08 1.31 20 EVERGREEN 58.3M 6.4 81 23 28 2 2 5.63 0.08 1.31 20 EVERGREEN 58.3M 6.4 81 23 28 2 2 5.63 0.08 1.31 20 EVERGREEN 58.3M 6.4 81 23 28 2 2 5.63 0.08 1.31 20 EVERGREEN 58.3M 6.4 8.5 1.5 30 1 1 5.96 0.87 2.24 19 13 5 1 EVERGREEN 60.7 -80 22 35 1+ 5.96 0.87 2.24 19 13 5 1 EVERGREEN 60.7 -80 23 30 14 2 2.34 6 -9 3.66 20 0.77 1.60 19 15 7 2 EVERGREEN 60.7 -80 23 30 14 2 3.46 -9 3.66 20 0.77 1.60 19 15 7 2 EVERY 60.5 -80 3.3 30 16 29 1 1 4.64 -0.79 1.18 5 13 6 1 EVERY 10 10 10 10 10 10 10 1	MAXWELL FIELD MONTGOMERY WB AIRPORT MONTGOMERY WB CITY	56.6 56.2 56.9	5.3	79 80 80	13+ 15 15	30 29 30	1 1 1		1 1 1	4.98	- 0.29	1.00	10 10				13 12	8	1
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LOCKHART LOC	EVERGREEN FAIRHOPE FORT MORGAN	58.3M 61.4 61.4	5.7	81 80 76	23 15 22	28 30 35	2 1 1+		2	5.63 5.96 5.59	0.08	1.31 2.24 3.61	20 19 18				12 13 8	6 5 5	1
SPRING HILL 58.0M 3.3 80 16 29 1 1 6.57 1.05 3.08 19 12 5 2 DIVISION 59.9	LOCKHART MOBILE WB AIRPORT MOBILE WB CITY	60.7 60.3 61.0	6.3	80 78 78	23 9+ 9	30 29 31	1+ 1 1		1 1	3.46 7.33 7.32	1.99	0.66 2.99 2.23	20 18 26				12 14 15 10	6 6 9	3 2
	SPRING HILL	58.0M	3.3						1	6.57	- 0.79 1.05								
5.5.2			4.9				1				0.'90								
	STATE	49.0	4.9							0.20	0.50								

Table 3																							_	_		ne"				FEE	RUAR	Y 1949
Station	1		3	4	5	6	7	8	9	10	11	12	13	14	Day I5	of Mo	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
ABBEVILLE ADDISON ADDISON CENTRAL TOWER ALABAMA STATE FARM ALBERTA	R		.97	.62 .08 1.18 .71 .35	.29	.27	.44	.49	.13	.38 .15 .96 .46 1.16				.10	.36	.33 .15 .76 1.40 3.67	.15	. 64	2.82 .36 .86 1.14 1.93	.04				. 03		.05	1.18	. 25				1.04 5.49 4.37 4.37 10.05
ALBERTVILLE 1 MI S ALEXANDER CITY 6 MI NE ANDALUSIA ANNISTON ANNISTON WB AIRPORT		.05			. 06	T	.10 .29 .04	. 52	.25 .88 .24 1.39 1.46	1.40 .17 .80 .14					.42	1.35 1.12 .34 1.73 1.65	.45		.40	.07	.01 T	.01		T	T	.10	.46 .76 .30 2.11 1.06	.14 T				6.21 5.18 2.92 8.63 7.26
ARLEY ASRVILLE ATHENS ATMORE STATE FARM AUBURN	z			1.08 1.66 .89 .08	T .62 .33	.15	.11		.35 .47 .66 .78	1.46 1.22 .59 .20 .85					T	1.57 2.30 1.45	.21 .06 .50 1.05		.97 1.18 1.27 1.75	. 20					. 12		T 1.50 .29 1.45	. 29 T . 09				5.93 8.65 4.94 5.61 5.33
AUBURN SCS 10 AUTAUGAVILLE BARTON BAY MINETTE BEATRICE	R	. 22		.38 .31 .85 .50	. 82	.08	.07	. 78	.06	.67 .84 1.23					т	1.20 1.69 T .24 1.26	.08	. 65	.46 .87 1.30 4.05 1.34	.49 .08 .04						. 48	.76 .65 .10 1.25 1.03	.41				5.17 6:78 3.74 8.32 7.63
BEXAR 2 MILES SE BILLINGSLEY	R R R		.96 .71 .80	.12 .70 .15 .42	. 13	.10 T	.17	. 20	.48 .99 .50 1.38 1.22	. 78				.04 .04	1.46		.70	.45 .53 .47	.29 .55 1.83			т		.06		. 08	.12 .73 .22 .87 1.46	.10				3.70 5.78 4.61 8.51 8.29
BIRMINGHAM WB CITY BISHOP BOAZ BRANTLY BREWTON 3 MILES SSE		,03		1.26 .95 1.11 .08 .02	.42	.11	.12	.15		1.22 .46 1.32 .16 .38						1.88 .91 1.67 .15			1.70 1.08 1.11 .10 .53	.20 .07 .62					.01		1.34 .03 .53 .36 .92	.03				8.20 3.78 6.71 2.91 4.66
BRIDGEPORT 2 MI W BRUNDIDGE CAMPBELL 1 CARBON BILL CENTER GROVE	R	T	.05	.52 .03 - 1,35	.40 -	.23	.32	-	.30	.75 .89 - .98 1.28	-	-	-	-		.51 .27 - 1.32 1.30	.53	-	1.50 T - .90	.35 - .05	-	-	-	.02	- T	-	.44 .41 .45 T	.01 T - .22				5.06 3.68 - 5.83 6.73
CENTER STAR CENTREVILLE CHILDERSBURG CITRONELLE CLANTON				1.63 .41 .72 .36 .32	.10	.08	.01		.62 .33 .66	.51 .92 .58 .18					.08	.71 2.62 1.20 .10 1.92	.58 .55 .48		* 1.55 .81 2.60 1.31	.34 .07 .76		.06			.09		1.12 .78 .65	.10				4.31 7.08 5.95 5.21 6.99
CLAYTON COFFEE SPRINGS COLLINSVILLE COLUMBIA CORDOVA	T	T .04		.95 .05 1.07	.35 1.60 .54	T .43	1.64	.57 T	.32	.70 1.20 .16 1.10	.45	. 25			.08	1.50 1.58	.40 .70	.10	.30 .30 .12 .27 1.10	.90					.10		.08 1.42 .87 .68 .68	т				3.09 5.42 5.66 4.54 5.92
CUBA DADEVILLE DADEVILLE NO 2 DANCY DANVILLE	R			.43 .14 .22 1.05	.12 .11 .06	.12	.19	. 60	.40 .69 .24 .99	.94 .79 .49 .60			.05	T .70	.13 1.97 .42		.46	.33	.61 .69 .78 .40	.65					.02	.37	.74 .81 .42 .62	T . 04				6.11 6.00 4.38 7.28 5.12
DAYTON DECATUR DECATUR NO 4 DECATUR SUBSTATION DEMOPOLIS				.08 .98 .96 .87	.12		.12 .02 T		1.20 .02 .01 .53	.82 .54 .63 .47					T	3.75 1.68 1.89 1.52 2.60	Т		1.80 1.12 1.19 1.08 1.13	T .08					.03	.01	.68 .27 .25 .30 .50	T .09 .15 .06				8.57 4.86 5.15 4.58 5.98
IXTHAN CAA AIRPORT ELBA ELROD EUFAULA EUTAW LOCK NO 7	2	.07 .34		.61 1.25	.37 .17 .50	.10		1.12 1.13 T	.96 .12 .65 .56	.15 .18 .85 .23 .58					.07	.16 1.22 2.10 .14 2.82	.77	T	.68 .21 .87 .17	.77	Manage of the second second				.03	.02	.59 .04 .97 .46 .80					5.33 6.77 6.79 4.57 6.67
EYERGREEN FAIRHOPE FALKVILLE FALLS CITY 6 MI NW FARLEY				.14 .68 .80 1.00 .80	.60	.11	.05	.03	.97 .02 .06	.28 .15 .97 .95 .72					.07	.23 1.41 1.40 1.37	.20 .05	. 58	.88 2.24 1.05 1.00 1.43	.05			Т		.15	. 15	.99 .61 .16 .50	.16				5.63 5.96 4.91 4.85 4.65
FAYETTE FLAT ROCK FLORENCE AT LOCK FORT DEPOSIT FORT MORGAN // N			.36	.89 .09 .93 .02 .49	.73	.05	.06	. 04	.54 .72 .43 .88	.87 .46				.11	.13 .93 .07 .02	1.25 .21 .54 .97 .20	.20	.60	.98	. 25			Т		.06	.41	.57 .33 T 1.29	.06				5.24 4.56 3.33 6.42 5.59
FORT PAYNE FRISCO CITY GADSDEN GAINESVILLE GARDEN CITY 2	.19			.82 .29 1.66 .38 1.16	.30 .02 .10	.22	.04 .04 .03 .03		.12 .57 .54 .75	1.02 1.46 .87			т	.02 T	.03	1.66 .13 1.89 2.35 1.10	.22 .30 .13		1.21 1.60 1.11 .72 2.55	.08			. 45	.04	.03	.02	.41 .86 .62	.04				5.76 6.02 8.15 6.08 7.10
GENEVA GOODWATER GORGAS GREENSBORO GREENVILLE		.05		.68 1.55 .45	.60	.26	.79 .08 .10 .10	.08	.22 .49 .28 .52	.05 .30 1.09 .51 .54						.05 1.37 1.98 2.50	.02 .25 .12 .05		.18 .65 1.25 1.63	1.22 .32 .03					.22		.88 .63 .80 .75	.12	-			4.62 4.98 7.43 6.55 6.02
GREENVILLE NO 2 GUNTERSVILLE REC GUNTERSVILLE DAM HALEYVILLE BAMILTON	1		.40	.59 .50 .90 1.08 1.14	Т		.06	1.30	.03	.20 .23 1.39 .74 .60	.03				.22	.59 .53 1.51 1.75 1.14	.22	. 63	1.36 .52 1.25 1.17 .87	.05	and the party of the party				T .08	.21	.70 .25 .23 .27 .28	.06				5.53 5.08 5.77 5.36 4.36
HARRISBURG 6 MI SE HAYNEVILLE HELENA HIGHLAND HOME HIGHTOWER				.60 .08 1.27 .12 1.32	.05	.03	.05 .58 .04		.48 .68 .80 1.15	.85	The state of the s					1.95 .12 2.63 .90 1.78	.30 .68 .14		1.65 .60 1.63	2.77					.01		.55 .88 1.01 .60	.05 .06				5.98 5.26 8.43 7.78
HODGES HUNTSVILLE SUBSTA HUNTSVILLE HYTOP JACKSON SHOALS			.86	1.15 .54 .02 .65 1.09	.01	.16	.12 T .10	.01	.02 .38 .10	.59 .48 .05 .68				. 09	1.10	1.21 1.31 .07 1.27 2.15	.05	. 68	.80 1.29 .94 1.89	.03				.01	.01 .02 T	T	.03 .34 .18	.32				4.23 4.71 5.44 7.94
JACKSONVILLE JORDAN DAM LA PAYETTE LAY DAM LEEDS			.40	.62 .13 • .42 1.57	.20 .34 .10	.02	.15		.85 .93 1.34 .62 1.01	.74 1.02 .85 .59 1.03						1.35 .51 1.23 2.10	1.28 1.44 .54 .12	.14	.41 .35	. 69 . 35 . 73					Т	.17	.97 .91 .65	.10				6.76 6.27 5.19 5.67 8.45
LEESBURG LIVINGSTON - LOCKHART LOCK NO 1 // 2 LOCK NO 2	E			1.35 .08 .06 .14	.51 .49 .36		.03	.39	.33 .56 .39 .41	1.73 .37 .17 1.34						1.92 2.52 .06 .58 4.11	.60	.19	1.20 .60 .08 2.26 1.13	. 66					.04	.43 T	.09 .46 .65 .69	.75				8.18 6.75 3.46 6.45 9.03
LOCK NO 3 LOCK NO 4 LOCK NO 17 MADISON MAGELLA				.23 1.40 1.30 .71 1.35	.07		.04		.81 1.08 .49	.91	.01					2.73 1.87 2.50 1.48 1.60	.37		1.02 .89 1.58 1.32 1.71	.39					.03		.33 2.55 .97 .25	.15 .03 .13				5.86 9.91 7.94 4.56 8.87
MAGNOLIA MARION 1 MILE SSE MARION JUNCTION MARTIN DAM MAXWELL PIELD				.15	.33 .10 .26 .54		.02		1.24 .75 1.01 1.53	.16 .28 .88 .94 1.00			T	T	. 69 T	3.05 2.50 3.53 .19 .66	T .85		1.62 1.52 2.20 .07 .40	.02						.85	.03 1.50 .56 .85	.02	1	mayor topic false		9.68 6.90 8.63 5.72 4.98

Ta	ble 3-Continued	,															Day	of Mo	onth													2 4.0	JI COLLE	7 1949
	Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
36 36	ELVIN IDWAY ILLERS FERRY ILSTEAD ITCHELL DAM					.07	.46	.04	.18	1,50	2.55 .86 1.18 .48 .97	.93 .56 1.68 .92 .57					.0	2 4.64 .30 2.58 .36 1.60	.01		.82 .58 2.10 .10	.40							.54 .37 .56 1.05	. 04				10.00 5.04 8.68 4.50 6.53
M:	DBILE WB AIRPORT DBILE WB CITY Z DMTE SANO DMTEVALLO DMTGOMERY WB APT	1	01	.01			27	.03	.10	. 46 . 21	T .02	.13 .14 .70 1.00 83			T T	1	.1:	2.15	-	2.17	1.80 1.94 .42	. 04		т		.16	т	1.38	.06 .35 .15 .60 29	. 25				7.33 7.32 5.27 4.97
361 367 267	ONTGOMERY WB CITY Z DULTON R USCLE SHOALS EW BROCKTON EWBURG				1.19	.63 .06 .01 .66	.32	.07	.01	.87	. 28	1.02		1	.01	Т	1.2	0 .10 4 .02 2.61 5 1.19	-	.09	.62 .76 -	T . 02	-		-	. 05	.02	.64	.30	. 05				5.16 4.35 3.17 3.42
OI OI	EW MARKET EWTON NEONTA RRVILLE ZARK			. 26		1.32 .15	.82	.42	.38	. 09	.22 .55 .48	.56 .43 1.20 1.12 .58			1			2 1.52 .06 2.00 3.80 .36	.30		1.60 .32 1.08 2.26	1.05						1.42	.05 .73 .67 1.16	. 12				4.68 3.98 7.13 8.78 6.27
P. P.	AINT ROCK R ALMERDALE ERRYVILLE ETERMAN R ICKENSVILLE				.81	1.65 .19 1.01 2.05		т	.12	.95	.74 .35 .95 .98	.15 .73 .03 .70				1		2.90 3.25 .04 0 1.80	.05	.57	1.48 2.40 .66 .75				-	. 02	. 25	. 43	.31 1.35 .59 .32 .80	.07				5.44 8.37 4.99 7.18
Pi Pi	INE LEVEL LANTERSVILLE LEASANT HILL R RATTVILLE RIMROSE FARM					.08	.49	.07	.16 .15 .21 .18	. 55	.70 1.50 1.05	1.56 .57 .86 1.03 1.08				.01		. 25		.47	1.00	.06		-	-	- !	-	_	.69 .50 .91 .82	. 10				8.27 8.55 - 4.00
R R R	ED BAY EFORM IVER FALLS OBERTSDALE 7 MI B OCK MILLS		.03	.02		.55	1.30	.33	.04	T .17	.30 .51 .06	.35 .80 .63 .16 .48	.03				T . 10	.43	.58	. 41	.14	.05					.03	Т	1.31 .28 .96 78	T . 25		1		2.93 6.90 5.17 4.64 4.37
S	AINT BERNARD AND MTN STA FARM APT AVRE COTTSBORO COTTSBORO SUBSTA	1	And and the owner of the owner of			1.27 .90 1.53 .60	т	.02	.07 .05 .05 .07		.40 .27	1.25 1.14 1.12 .85 1.17	.01			.01	.01	5 1.80	.13	.07	1.67 1.46 1.70 1.65 1.48	.05				. 05	.03	.02	.15 60 .95 .52	. 10				6.43 6.73 7.80 6.07 6.37
SI	ELMA HEFFIELD TVA NRSY HOEMAKER SPRINGS LOCOMB MITHSONIA			.80		.15 .88 .78	.68	. 28	1.30	,14	.51	.73 .53 .48			1 -		.2	.83	64		1.85 1.21 1.17	.19 1.23 .14 .80 .22					.09		.78.	.03				8.46 3.68 - 5.84 3.56
SI	NOW HILL DUTH HILL PRING HILL WAIM YLACAUGA				.02	.65 .05 .72	.63	.30	.04	. 28	.69 .49 .11 .02	3.20 .72 .13 *			;	.12	.31	8 .89 T	. 93 . 18 . 04		.98 1.47 3.08 1.84 .83	.04				. 02	. 20	.01	.85 .16 1.60 .09 .82	.14				7.87 5.20 6.57 4.90 5.49
T	YLVANIA ALLADEGA ALLADEGA HRN MT TWR HOMASVILLE HORSBY 1 MILE SW R		-			1.02 1.37 .56 .38	.06 T	.05	.08 .03 .06	. 55	.09 .87 * .98	1.34 .71 .62 1.53	T				٠	1.38 1.07 • 2.44 2.15	1.56	1.67						Т	.02	. 29	.58	.18				6.34 6.64 4.55 9.58 5.53
T	HURLOW DAM IBBIE ONEY R AFFORD Z ROY Z	1	.05		.80	.12	.38	* ,04	.09		.68 .70 .41 3.13 .60	1.02 .85 .04 1.20 .63				,1€	1.1	.17 .90 .07 2.00		.70	.07 .95 .63 2.05	.16							1.00 .72 .12 .80 .52	.10				5.03 4.12 4.09 9.46 3.62
T	USCALOOSA AIRPORT USCALOOSA LCK DAM USKEGEE NION SPRINGS NIONTOWN				. 82	1 02 .10 .10	. 40	.06 .02 .50 .35	T .06 .20 .08 .10	. 57	. 50	.03 1.14 .80 2.15 .56			.03	Т	1.1	2.51 .40 .13	.06	. 64	.33 1.56 .40 .03 1.71	3.05				.02	.02	.30	.48 .92 .12 .60	Т				7.92 8.17 2.92 9.34 7.42
V. V.	NIVERSITY ALLEY HEAD ANCE ERNON R ADLEY		.08		.80 T	. 78	, .10	.03		.13	1.38 .33 .64 .97	.03 .99 .63 .02			_	. 07	1.5	1.80	.34	. 60	1.11					.08		.38	.52	. 06				7.50 - 7.54 5.37
W. W	ALLACE ALMUT GROVE EST BLOCTON ETUMPKA HATLEY		. 49			.08 1.30 .71 .21	.34	10	.62	.05	.20 .50 1.01 1.11 .37	.72 1.01 1.39			.38		. 0:	.15 1.88 2.84 .26	.09 .38 .43	.06	1.51 - 2.20 .44 1.60	. 25		Į	. 23				. 93 . 42 . 90 . 86 . 56	.12 .31 T				4.93 - 9.81 5.46 6.18
W W Y	HESLER DAM ILSON DAM INFIELD 2 MILES SW ATES HYDRO PLANT OUNGS STORE					.95 92 1.30 .14	.31		.02 T .01		.12	.51 .43 1.11 .59 .24				1	.00	6 .69 8 1.68 .30	.92		1.38 1.02 .95 .10 .50	.08		Т			.14 .07 .06		.08 .06 .31 1.00	.12 .06 .01 .01				3.57 3.67 5.91 4.43 3.38

ible 4						V 11	,					-					D .		,					BRUAR -
Station	-						ur end										Ī		ur end			10		10
	; -	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
SHLAND //								_	_	-		-15	st-		_	1 -	_			_	_	1 -		
OBILE WB CITY IVER FALLS 2 MI NE	_	_	_	_	_	_	_	_	_	-		_	_	_	-	-	_	_		_	_	_	_	.01
NIVERSITY										.01	,07	-2	d -											
OTHAN CAA AIRPORT DBILE WB AIRPORT 6							.07					4	l											
OBILE WE CITY		-	.02			,	.01															1		
DDISON												-3	d-			ı			.04	.16	. 34	.22	. 08	.13
NISTON WB AIRPORT 6 RRY											.01	.01							.03	.23	.12	.15	.10	.06
KAR 2 MILES SE RMINGHAM WB AIRPORT AZ																				.02		.39	.07	.06
MPBELL FAW LOCK NO 7 RT PAYNE	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	.01	. 05	.18	.22	.10
RDEN CITY LEYVILLE										.01	.02		0.4				.02	.01	.03	.12	.33	.31	.16	.10
NTSVILLE 6 CKSONVILLE // BILE WB AIRPORT 6								-	-		~		.04							20		*	14	. 26
BILE WB CITY ULTON SCLE SHOALS 6													.04		*				.06	.08	.97	.13	.07	.01
W BROCKTON AFFORD																			.01	.02	.02	.24	.26	.01
SCALOOSA AIRPORT 6 IVERSITY RNON								*	.05	.03	.01	*	.02				.01	. 09	.08	.12	.23	.04	.17 .05	.13
	'											-4	th-											
BEVILLE DISON	.02					.01			.01	.01							.23	.02	.06	.08	.09	.08	.03	.01
NISTON WB AIRPORT 6 MORE STATE FARM BURN SCS 10	.61		*	*	.03	.03	.60	.02	*	*	*	*	.01		.03	.01	.01	.09	.10	.08	. 22			.01
RRY KAR 2 MILES SE	.05	- 8	9	* .02	*	*	*	*	.70															
RMINGHAM WB AIRPORT AZ DEVILLE NO 2	.06			.02	,01	.03	.03													.02	.06	.03		
THAN CAA AIRPORT TAW LOCK NO 7 RT MORGAN //	.25	. 04	.01					.03					 	.04	.04	.04	.03	.08	.05	. 15	.08	.08	.06	.06
RT PAYNE RDEN CITY EENVILLE NO 2	.10			.01	.01	.04	.04	.01									,	*				*		.49
LEYVILLE NTSVILLE 6	.82			.01	.01	.01	.01	.01																. 7.5
CKSONVILLE // Y DAM CK NO 1 //	.14	. 97	.13	.25	.01	.01					.01	.01	_	_	_	.01	.01	.02	.01	_	_	-	_	-
GNOLIA RION : MILE SSE	.08	.21	.01	.04	.01 .02	.01	.01							.01	.03	.01	.11	.04	.02	.03	.01	.01	.03	.02
DWAY BILE WB AIRPORT 6 BILE WB CITY	.05		*	*	*	.02	.04							*	.02	.04	.01	.03	.22	.01	.04	*	*	*
NTGOMERY WB AIRPORT 6 NTGOMERY WB CITY ULTON	.03	*	*	*	.03	.02	.07							*	*	.03	.29	.17	.50	.01	.02	*	*	
SCLE SHOALS 6 W BROCKTON	.66	.02			.02	*	.01		.02	.02								.25	.02	3.0	.02	.01	.10	.07
TERMAN EASANT HILL ORSBY 1 MILE SW	.01	. 04	.27	.10	.05	.01		.01									.20	.08	.02	.16	.01	.01		
AFFORD OY SCALOOSA AIRPORT 6	.16		.12	.02	.02	.01	.06									.03	.01	.05	.05	.11	.08	.02	.02	.01
IVERSITY	.15					.01						.01						.01						
												-5	th-											
BEVILLE MORE STATE FARM THAN CAA AIRPORT	.01	.01		.01		.01										.01	.03	.17	.04	.02	.01	.02	.01	.01
RT MORGAN // BILE WB AIRPORT 6 BILE WB CITY	.18		.01		01			*	*	.02	.02 *	.03	.07	.06		*	*	.01		.04		*		
NTGOMERY WB AIRPORT 6 W BROCKTON	.10		.02	.01	.01			.01		.01	.01	.0%		.02		,03	.03		.01	.02				
EASANT HILL OY	.01														,01			.01	.01	.01				
BEVILLE	-									.08	.09		th-	.07									.01	1
DISON MORE STATE FARM				.01		.01												0.1	.02			.04	.02	
RRY DEVILLE NO 2 THAN CAA AIRPORT				.01				.01				.05	.01	.04	.01		.03	.01	.01	.01		.02	. 03	
TAW LOCK NO 7 RT MORGAN // RDEN CITY								.01	.15											.02	.01			.04
NTSVILLE 6 CK NO 1 //	-	-	-	-	-	-					01	01	0.3			01				*	٠	•		9
DWAY BILE WB AIRPORT 6 BILE WB CITY	.08				.01			*	.02	*	.01	.01	.01			.01					•	٠	٠	*
NTGOMERY WB AIRPORT 6 NTGOMERY WB CITY EASANT HILL								•	.01	.04	.05	.01	.05	.01	*	•	*		.01					1
AFFORD												.01	,01	.02		.01	.01			.01		.01		.01

Table 4-Continued				_			OIL		LIL	EC.			101		_								FEI		Y 1949
	ì				A. 1	M. Ho	ur endi	ing									P.	М. Но	ır əndi	ng					7
Station	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
TUSCALOOSA AIRPORT 6	← ·														-		_		.03						
UNIVERSITY	-									.01	.01				_	1	-	-	.03	-	•	-			.02
ADDITION		0.7	0.7		3.0							-7	th-												
ABBEVILLE ANNISTON WB AIRPORT 6 AUBURN SCS 10	.01	.01	.01	.28	.13	*	.06			l I									1			1			.44
BIRMINGHAM WB AIRPORT DADEVILLE NO 2	.01				.01		.02																		.01
DOTHAN CAA AIRPORT FORT PAYNE	.01		.07	.02	.28	.02																			.39
GARDEN CITY HUNTSVILLE 6 MIDWAY	.02	.01					1			1															.03
MOBILE WB AIRPORT 6 MONTGOMERY WB AIRPORT 6	.01	*	*	*	*	*	.01	*	*	*	*	*	.01												.01
MONTGOMERY WB CITY NEW BROCKTON	.01	*	*	*	*	*	*	*	*	*	*	*		*	*	*	*	*	*	*	*	*	*	*	.01
PLEASANT HILL TRAFFORD TUSCALOOSA AIRPORT 6	.03	.01		.03										.18											.21
UNIVERSITY		.01																							.01
ABBEVILLE	1						1			.18	.11	-8	th—			ı			.05	.10			. 05		.49
ADDISON ANNISTON WB AIRPORT 6																		.08	.01		*	*	*	*	.09
ATMORE STATE FARM AUBURN SCS 10 BERRY								.15	.15	.01		.01	.01		.06	.06	.20	.03		.01	.10	. 19	.06	.01	.60 .78
BIRMINGHAM WB A'RPORT BOAZ																	.01	.05	.08	.10	.05	.06	. 05	.08	.47
DADEVILLE NO 2 DOTHAN CAA AIRPORT								.05	.15	0.7	0.1		.01	.01	.03		.03	.04	. 89	.26	. 09	.01	10	. 02	1.13
EUTAW LOCK NO 7 FORT PAYNE GREENVILLE NO 2				i I						.01	.01	.34	.18	.04		.01	.20	.09	.03	.13	.04	.01	.10	.01	.67 .09 1.30
HUNTSVILLE 6 JACKSONVILLE //																		.01	. 03	.07	.07	.09	. 09	.04	.40
LOCK NO 1 // MAGNOLIA								-	-	-	-	.19	04	.07	.02	.05	.01	.11	.17	.01	-	-	.13	.01	1.51
MARION 1 MILE SSE MIDWAY												.27	.01	.09	.01	.07	.14	. 15	.01	. 59		.25	.01		.74
MOBILE WB AIRPORT 6 MOBILE WB CITY MONTGOMERY WB AIRPORT 6		*		*	*	.02	.18	.01	.01	*	*	*	.03	*	.01	.01	.02	* .	.22		*		*	*	.21
MONTGOMERY WB CITY PETERMAN											.14	.09	.03	.02	.16	.05	.02	.01	.26 .35 .31	.22	.01		•	-	.87 .95
PLEASANT HILL THORSBY 1 MILE SW TRAFFORD													.01	.06	.01	.09	.22	.16	.16	11	. 01	.01	.10		.55 .55
TROY TUSCALOOSA AIRPORT 6											.05	.10		.05		*		.01	.30	.11	.01	.04	.01		.60
UNIVERSITY VERNON																	.10	.03	.02	.03	.05	.07	. 05	.22	.57
							1					-9	th-			1									
ABBEVILLE ADDISON	.01				*		.07			.02	.01	.01	.12	.08	.01				. 33	.07	. 12	. 07	.03	.06	.13
ANNISTON WB AIRPORT 6 ATMORE STATE FARM AUBURN SCS 10	.56	•	*	.01		.01	.64	•	•	.06	*	*	.03	* .06	* .04	.10	•		.08	•	•	•	•	.07	.09
BERRY BEXAR 2 MILES SE		.02	.02	.01				.01			.01	.03	.04	.01	.04	.06	.04	.06	.11	.25	.08	.12	.07	.01	.99
BIRMINGHAM WB AIRPORT BOAZ DADEVILLE NO 2	.07	.02	.01		.02	.01				.01			.06	.06	.01	.04	.04	.03	.01	.14	.27	.35	. 19	.08	1.22
DOTHAN CAA AIRPORT BUTAW LOCK NO 7	.02	.01			.01	.01	.01				.02	.02	.05	.01	_	.05	.04			.21	. 05	.02	.03	.02	.07
FORT PAYNE GARDEN CITY		*	*	*	*	*	*	*	*	*	*	*	.01	.13	.07	.04	.06	.08	.14	.13	.13	.12	.12	.04	1.07
GREENVILLE NO 2 HALEYVILLE HUNTSVILLE 6	.01										, 11	.01		.08	.05	.03	.05	.08	.12	.07	.04	.08	.03	.03	.66
JACKSONVILLE //	.14	.10	.07	.01		.01	.02			TO.	0.0	.01		.01	.19		0.7				.04	.08	.18	.20	.85 .56
LOCK NO 1 // MAGNOLIA MARION 1 MILE SSE	-	.01	.01	.01	.01	-	-	_		. 70	.06	.03	.07	.02	.02		.01		. 24		.05	.32	. 02	.15	1.24
MIDWAY MOBILE WB AIRPORT 6	.03						.06				.03	.07	.54	.01		.03		.05						.07	.86
MOBILE WB CITY MONTGOMERY WB AIRPORT 6 MONTGOMERY WB CITY	.43	٠	*	.01	*	*	.01	*	*	*	*	*	.05	* .07	*	*	*	*	. 15	*	* 01	*	.02	*	.02
MOULTON MUSCLE SHOALS 6														*	*	*	.08	.07 *	.09	*04	*	.05	.03	. 05	.41
PETERMAN PLEASANT HILL THORSBY 1 MILE SW		.01	.01	.01						.01	.27	. 89	.24	.02	.01					.01	.01		.15 .32 .10	.01	.98 1.50 .22
TRAFFORD TROY									.36		.12	.01	.01		.03	.01	.09	.10	.04	. 19	. 24	.06	. 14	.16	1.05
TUSCALOOSA AIRPORT 6 UNIVERSITY VERNON	.40	*	*	.02	.02	*	.17	.01	.01	.01	*	.01	.04	* .02 .06	* .02 .04	.02	.08	.02	.18	.10	.32	.19	.19	.08	1.36
	;			. 02	,02			, 01	,01	,01		-10		.00	.02	.00	. 00	.14	. 13	.06	.06	.05	.07		.97
ABBEVILLE ADDISON	.12	.02	.01		.01	.27	.08					10						1			Ì				.38
ANNISTON WB AIRPORT 6 ATMORE STATE FARM	.68	*	.02	.08	*	*	.09	*	*	*	*	*	.01					1							.12
AUBURN SCS 10 BERRY	.07	.01	.48	.11																					.67
BIRMINGHAM WB AIRPORT BOAZ DADEVILLE NO 2	.01	.03	.02	.16	.10	.01	.01	.02																	.06 .22 .49
DOTHAN CAA AIRPORT FORT PAYNE	.12	. 15	.02	.01		.03																			.15
GREENVILLE NO 2	*	.09	*	*	*	*	*	*	*	*	*	*													.20

Station	,				A.	M. Hou	n end	ing									P. 1	M. Ho	ur end	ing					
	1	2	3	4-	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1
ALEYVILLE UNTSVILLE 6	.01	.01	*	.01	.01	*	.05			1									1						1
ACKSONVILLE //	.02	.24	.05	.09	.02	.03		.01	.02		.01	.01	.01												
OCK NO 1 // AGNOLIA IDWAY	.12	.01	.02	.01	. 42																				
OBILE WB AIRPORT 6			*	.14	*	18	.13			I			1									Į			1
ONTGOMERY WB AIRPORT 6 DULTON 6	.02	.76	.17	.07	•	•	. 83						1												1
SCLE SHOALS 6	.20	.01	.02	*	*	*	.02																		
LEASANT HILL AFFORD SCALOOSA AIRPORT 6	.21	.52	.13				.03	.01																	
IVERSITY ERNON	.01		.01		.01			.02																	
												-13	th-	-											
NTGOMERY WB CITY SCALOOSA AIRPORT 6	.31		I					*	*	*	*		.03					.01				1			
ID LOON											-	-14	th-	.01	05	.04						,			
DDISON EXAR 2 MILES SE ARDEN CITY			+ 1				*			1 0	.01		.01	.01					*						
ALEYVILLE UNTSVILLE 6									01	.07	.01		.01	100	.01	*	*	*	.09			1			
RNON									.01	.01			th-									1			
DDISON NNISTON WB AIRPORT 6						.11	.07			.02		.15		*	.12	.12	.10	.08	.09	.05	.09	.04	.06	.01	1
UBURN SCS 10 ERRY					.01	.06	.05	.11		.01			.09	.01	.01	.18	.16	.13	.09	.07	.10	.12	.08	.09	1
EXAR 2 MILES SE IRMINGHAM WB AIRPORT DAZ				.02	01	.05	01			.27	.03	.02		.20	.18	.05	.11	.09	.02	.02	.05	.01	.05	.01	İ
DEVILLE NO 2 OTHAN CAA AIRPORT				.02	.01	.00	.01		.01	.20	,00		.01		,03		.06	.03	.01	.06	.02	01	.01	.01	1
TTAW LOCK NO 7 DRT PAYNE				*				.01		.01	.10	.01	.01		.01	.05	.16	.07		.06		.13	. 22	.40	
ARDEN CITY REENVILLE NO 2 ALEYVILLE	ľ	•	.01	.01	.03		.01		.01	.53	. 45				. 13	.13	.10	. 13	.05	.08		1	.01	.02	
UNTSVILLE 6 ACKSONVILLE //						.01	.04	*	.01	*	*	.01	.43	* .01 .03		.04	.12	.03	.38	.06		.02	.02	.06	
NY DAM DCK NO 1 // AGNOLIA							-	-	-	-	.10	- 02	-	-	-	***	-	.36	-	.15	.06	.12	.07	.02	
RION 1 MILE SSE ONTGOMERY WB AIRPORT 6																.04	.01	.04				.12	.09	:11	
ONTGOMERY WB CITY DULTON USCLE SHOALS 6			*		*	*	.02	*		.10	.18	.01	.13	*	.01	.01	.04	.05	.42	.05	.08	.02	.02		1
FORSBY 1 MILE SW LAFFORD LOY					.01	.04			.01	.01	.02		*	*	.02	.04	.11	.10	.15	.09	.07	.06	.09	.13	1
SCALOOSA AIRPORT 6														*	.12	* .17	*		.42	* .13	.02	.01	.12	* .22	. 1
ERNON				.01	.02				.11	.35	.21				.21	.10	.16		.06	.13		.05	.01		1
BBEVILLE	.02	.04	.01				.01	.01	.06			-10	th-	.09	04	.02	.02		ļ			!			!
DDISON HNISTON WB AIRPORT -6 THORE STATE FARM	. 22	*	*	.03	.01	.05	.72	.02	*	*		*	.72						1			1			
BURN SCS 10 ERRY	.06			.11	.13	.04		.23	.34		.07	.10	.14	.05											1
XAR 2 MILES SE RMINGHAM WB AIRPORT AZ	.01		.08		.22	.01	.01	.01		.03	.01		1												11
DEVILLE NO 2 THAN CAA AIRPORT				.01	.15	.12	.14	.20	.24		,01														
TAW LOCK NO 7 ORT MORGAN // ORT PAYNE	.25	. 15	.06	.15	.17	.12	.02	.08	.03	.11		.02	.17		.01				1						1
RDEN CITY EENVILLE NO 2		*	*	*	*	*	*	*	.02	, 29		2.84	.04	.01	.01	.02									2
LETVILLE UNTSVILLE 6 CKSONVILLE //	.29	.01	.02	.10	.01	.02	.01	.02	.12	*	*	* .01	.05									1			1 1
Y DAM CK NO 1 //	.01	.20	.15	.17	.13	.11	.13	.16	.15	.01	.01	.01	.01									1			1
GNOLIA RION 1 MILE SSE DWAY	.21	.21	.03	. 56	.74 .21 .07	.36	.78	.15	.01	.01		.02	.06	.12											1
DBILE WB AIRPORT 6								*	.13	*	*	.01	.09												1
NTGOMERY WB AIRPORT 6 NTGOMERY WB CITY ULTON	.10	*	*	*	.01	.02	.01	.14	.31	.04	.04	.12	. 59												
SCLE SHOALS 6 W BROCKTON	.07	*	* 1	*	*	*	.02		*	*		*	*		*	*			*					2.61	1 2
TERMAN LEASANT HILL LORSBY 1 MILE SW		.01	.01	*		.01	.09	.48	.16	.06	.14	.03 2.15	.01												2
AFFORD NOY	.18	.14	.10	.16	.20	.19	.02	.08	.08	.01		.14		.20	.01	.01						İ		1	1.
SCALOOSA AIRPORT 6 MIVERSITY RNON	.28	.12	.03	.30	.05	.30	.95	.04	.04	.01	.01	.01	.70		.01									i	11.
					.00	.00						10	11.												
W BROCKTON									-	-	-	-1.7	th-	-	-	-		-	-						

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	1											-18	th-												
ADDISON ANNISTON WE AIRPORT 6 ATMORE STATE FARM BERRY									.04	.05		.01		*	* .06	.04	.06 *	.02	.04	.07 * .01	.05 * .02 .08		.12 * .01	.18	l.
BEXAR 2 MILES SE BIRMINGRAM WB AIRPORT BOAZ BUTAW LOCK NO 7 FORT MORGAN //			.01		.01	07	0.9	.07	06	05	.05	.02	.05	.01	.01 .01 .04	.01 .01 .01	.01		1	.06 .12 .03	. 28	.19	.04 .20 .17	.15	1 7 1
ORT PAYNE ARDEN CITY REENVILLE NO 2 LALEYVILLE			.01		.01	.01	.00	.00	.00	.00	.00	.03	.02	.01	.01	.01	.03		.05	.01	.11 .27 .01	.12	.20 .19 .45	.03 .18 .34 .01	B I
IUNTSVILLE 6 ACKSONVILLE // AY DAM OCK NO 1 //											.02	.05	.06	.08	.01	.14	.08	.01	.08	.04	.03	.02	.04	.05	
AGNOLIA ARION 1 MILE SSE OBILE WB AIRPORT 6 OBILE WB CITY ONTGOMERY WB AIRPORT 6	1			1			.08	*	*	.08	*	.01	.01	.01	.01	.09	.22	.12	* 1.03 .24 .07	.11	.09	.19	.06	.02	1
ONTGOMERY WB CITY OULTON USCLE SHOALS 6 ETERNAN	1											.01	.03	*	.06	.09		.03	.04	.05	.07	.07	.01	.10	
PLEASANT HILL THORSBY 1 MILE SW TRAFFORD TUSCALOOSA AIRPORT 6 INIVERSITY	t										.01			.01	.02	.01 .01 *	.01	.19 .01 *	.16 .03 .02 .22	.06 .06 .18 *	.10	.11 .07 .21	.01	.01 .05 .09 *	
ERNON			10	0.5	0.5	24			0.7			-19			4.5	.01	.04	.02	.06	.09	.06	.09	.08	,05	
BBEVILLE DDISON NNISTON WB AIRPORT 6 TMORE STATE FARM UBURN SCS 10	.03 .24 .10	.08	.12	.05	.05	.04	.19	.05	.01	.01	.21	*	.01	.73	,40	.04	.02	.68	1	.02	.05	.05	.07	.03	-
ERRY EXAR 2 MILES SE REMINGHAM WB AIRPORT DAZ	.05 .10 .08	.07 .05 .07	.08 .04 .06	.07	.02 .03 .07	.21	.02	.02	.04	.01									1						
DEVILLE NO 2 THAN CAA AIRPORT JTAW LOCK NO 7 JRT MORGAN // JRT PAYNE	.06	.01	.01 .02 .02 .01	.02 .05 .08 .01	.04 .05 .02	.02 .05 .01 .01	.06	.06	.03	.10	.30	.08							.12	.04	.05	.10	.07	.02	
ARDEN CITY REENVILLE NO 2 ALEVVILLE 6 ACKSONVILLE //	.15	.21 .01 .07	.07	.07	.16	.05 .01 .04	.10	.02 .25 .03	.19	.15	.07	.35	.01	.30	.01	*	*	*	.02			.01			-
AY DAM OCK NO 1 AGNOLIA ARION 1 MILE SSE	.06	.10	.03	.11	.06 .12 *	.14	.01	.27	.22	*	*	٠		*	*	*	*	1.62							
IDWAY DBILE WB AIRPORT 6 DBILE WB CITY ONTGOMERY WB AIRPORT 6 ONTGOMERY WB CITY	1.56 .18 .01	.01 *	.01 *	*.07	* .05 *	.24	.93 .24 .17	*	.02	.06	.15	.28	.02		.06	.01 *	*	.03	.08 .01 .01	*	*	•	.03	.04	
OULTON USE SHOALS 6 ETERMAN LEASANT HILL	.20 .39 .03	.08 * .10 .03	.07 * .05	.02 * .09 .03	.03 * .12 .05	.01 * .03	.18 .46 .16	.30	*	*	*	* .04 .02	.27	.02	.01										
HORSBY 1 MILE SW RAFFORD ROY USCALOOSA AIRPORT 6 NIVERSITY	.05	.06	.05	.01	.04	.29 .14 *	.12 .07	.26	.05	.10	.53	.01	.01				.01						.04	.01	
ERNON	.03	.03	.05	.07	.03	.05	.02			102	-	-20					.02								-
BBEVILLE TWORE STATE FARM IDWAY DBILE WB AIRPORT 6 ONTGOMERY WB AIRPORT 6	.03	.01 .35	.01	.01	.01	.01	.01																		-
ROY	.01											-21	st–												
RASANT HILL INISTON WB AIRPORT 6												-22						-	-	-	-	-	-	-	
DET PAYNE								.01		.01		-23	.01 3d-												
odison .	1									.01	-	-24	th-												
CXAR 2 MILES SE LEMINGHAM WB AIRPORT LLEYVILLE 6 BILLE WB AIRPORT 6									.01	.01	.02	.01		.01		*	*	*	.01						-
DBILE WB CITY USCLE SHOALS 6 AAFFORD USCALOOSA AIRPORT 6	i								*		*	*	.05					*	.02	.14	1	.01			
ERNON									.02	.03		.01 -25													
OTHAN CAA AIRPORT DBILE WB AIRPORT 6	.16				.01	.01	.01					1													

HOURLY PRECIPITATION

ALABAMA

					A.3	M. Hou	ır endi	ng									P. 1	4. Hou	r endir	ıg					
Station	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	F
EVILLE ISON ISTON WB AIRPORT 6 ORE STATE FARM URN SCS 10 RY AR 2 MILES SE MINCRAM WB AIRPORT Z Z EVILLE NO 2 EVILLE NO 7 T PAYNE DEN CITY ENVILLE NO 2 KSONVILLE NO 2 KON 1 // NOLIA ION 1 MILE SE ILLE WB AIRPORT 6 ILLE WB AIRPORT 6 ILLE WB AIRPORT 6 ILLE WB AIRPORT 6 ILLE WB AIRPORT 6 ILLE WB AIRPORT 6 ILLE WB AIRPORT 6 INCOMERY								•	•			-26	.01 .03	.01	.02	.01 .01	.03 .01 .01 .18 .04 .01 .04 *	.09 .03 .05 .02 .01 .04 .05 * .02 .01 .04 .05	.01 .04 .01 .01 .05 .06 .07 .06 .01 .03 .05 .06 .03 .03 .02 .07	* .03 .05 .01 .01 .02 .02 .02 .02 .01 .04 .17 * .21 .05 .01 * .05 .01 * .07	* .02 .14 .02 .03 .05 .03 .01 .02 .04 .02 .16 * .8 .01 .02 * .02 * .02 * .02		.02 .01 .01 .02 .03 .02 .05 .03 .20 .05 .03 .20 .05 .05 .8 .07 .10 .05	.033.022	2.
EVILLE ISON STYON WE AIRPORT 6 ORE STATE FARM URN SCS 10 RY RY RY RY RY RY RY RY RY RY RY RY RY	.02 .01 .15 .19 .20 .13 .07 .09 .14 .01 .02 .02 .30 .07 .02 .03 .01	.02 * .13 .15 .27 .01 .05 .03 .12 .06 .29 * .08 .02 .01 .02 *	.06 * .03 .06 .08 .06 .500 .11 * .02 .04 .02 .04 .02 .04 .02 .01 .05 *	.06 .01 * .02 .199 .61 .09 .64 * .10 .04 .02 .04 * .20 .08 *	.20 .01 * .02 .08 .03 .03 .03 .01 * .15 .01 .04 .03 .03 .03 .03 .03 .03 .03 .01	.33 .02 * .01 .01 .03 * .14 .02	.30 .04 .86 .03 .11 .02 * .06	.07 .01 * .01 .01 .01 .01 .01 .01 .01 .01 .01 .01	.05 *	.01 * .01 .05 *	.01	* .01 .01 .28 .01 .02 *	.01 .01	.02 * .01 .01 .01	.01	.01	*	* .03	.02	,03 * .01	*.01	.01	.01	.01	1.
TOOMERY WE AIRPORT 6 FOOMERY WE CITY LICENT LICENT COME COME COME COME COME COME COME COME	.73 .06 .15 .01 .10 .01 .21 .02 .11	* .07 * .07 .02 * .11 * .15 .01	* .06 * .07 * .09 * .01	* .08 * .03 .01 * .11 * .27 .06	* .02 * .07 .38 .10 * .10	* .07 * .01 .09 .06 * .07 .06	.27 .18 .03 .11 .02 .46	* .01 .07 .01	* .04 .02	* .01 .01 .01		.01	.01 .04	*	*	* .01 *	*	*	.01	-		.01		.02	

Table S																-7.1 t	011	Li.					EBRI		1949								
Station	Ĺ	-														Day o	of mo	nth															rage
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	MAX	34 20	36 21	51 28	45 37	53 30	48 28	50 28	58 28	62 42	60 42	51 27				73 59	72 54	64 35	58 37	52 43	63 40	65 42	69 47	70 38	65 39	64 43	60 41	52 42	48 28				56.9 36.8
	MAX	40 27	52 26	57 36	50 39	56 38	50 35	57 40	61 35	64 37	66 53	57 24	61 30	68	74 48	73 51	75 56	67 39	64 40	57 50	71 47	69 42	73 46	75 42	73 43	69 42	71 46	60 46	51 35				62.9 40.5
	MAX	39 29	52 33	60 40	67 45	75 50	69 50	64 49	62 50	70 54	82 58	64 34	68 37	71 43	79 57	79 63	80 59	75 46	76 51	75 53	75 56	77 52	80 59	81 52	75 53	78 61	76 55	73 53	67 43				71.0 49.5
	MAX	46 28	58 31	50 36	58 45	50 35	60 38	63 38	68 37	68 53	58 37	62 31	72 42	77 50	79 52	77 57	68 50	63 38	54 46	73 49	70 47	70 43	76 51	70 45	66 45	69 47	62 47	52 47	48 33				63.8 42.8
	MAX	45 25	57 29	49 34	55 43	51 33	59 36	61 36	67 35	65 51	56 36	60 28	70- 40	75 49	78: 50	76 56	66 47	62 37	52 46	72 48	68 46	68 43	74 49	68 45	66 46	68 46	60 45	50 45	46 31				62.3 41.3
	MAX	37	48	62 37	66 46	71 50	56 48	65 51	60 48	70 53	80 58	62 35	66 38	72 45	75 61	80 65	80	71 46	67 46	65 49	75 52	76 52	78 53	80 53	70 50	80 50	75 55	78 53	67. 44				69.0 48.4
	MAX	40	50 27	58 35	50 40	60 46	55 42	59 50	61 39	64 48	68 52	58 28	62 35	69 49	76 52	74 54	77 55	64 42	63 42	61 50	66 52	70 42	74 51	75 45	71 48	70 48	72 47	65 45	51 38				63.7 43.9
	AAX AIN	50	62 36	65 46	71 59	60 49	65 49	64 51	72 48	77 66	71 52	65 35	75 40	77 40	80 64	79 67	71 61	68 46	59 50	75 58	75 58	76 52	78 56	76 53	79 48	77 61	69 55	69 50	59 43				70.1 50.8
	MAX	39 24	57 28	50 38	55 43	51 32	60 35	60	65 37	64 51	55 36	59 28	69 45	77 56	75 59	77 56	64 46	63 35	55 46	70 47	64 46	67 42	73 50	68 43	65 47	66 41	57 44	52 45	45 31				61.5
BIRMINGHAM WB CITY	AX.	31	40	60 30	53 40	55 35	52 37	60 43	62 40	65 49	64 50	58	62 33	70 48	77 59	76 59	77 56	64 37	65 41	59 46	71 53	66 47	68 53	74 42	70 45	65-	69	57 46	51				62.2
BREWTON 3 MILES SSE		40	52 29	62	67	75 50	56 49	66 54	61	72 53	83 60	65 30	67. 30	75 42	79 58	80 62	81 61	75 47	69 46	69	77 54	79 53	78 50	84. 50	76 47	80 53	78 50	73 54	70 45	-			71.0
CENTREVILLE	AX N	23	44	61	67	63	55	64	61	72	69	64	64	71	79	77	74	66	64	65	75	74	67	77	71	74	77	57	55				66.9
CITRONELLE	MAX	33	41	61	66	64 48	54 47	64 52	61	70 52	79 57	63	64	74	78 64	80	80	68	67 46	62 51	75 57	76 52	77 54	79 53	75 53	79 55	75 54	66; 53	67 42				67.8
CLANTON	MAX	35	46	58	52	58	51	55	60	63	65	36 58	60	68	78	74	76	46 65	62	59	71	63	71	76	69	71	71	60	53				48.9 62.4
CORDOVA	MAX	34	40	43	48	60	60	65	68	67	52 61	29 58	65	38 72	70	75	56 75	71	65	58	50	45 64	48 72	70	72	67	48 69	69	58				42.2 62.6
DAYTON	(IN (AX	32	39	58	32 60	38 58	50	42 55	38	35 65	49 65	33 58	61	70	60 78	62 79	57 80	33 65	37 64	60	70	42 65	70	40 75	70	39 72	70	62	60				63.3
	(AX	26	35	35 51	50	38 52	40	62	45 54	52 64	50	31 52	38 58	48 69	58 77	73	58	61	46 58	52	51 60	62	52 69	70	49 62	51 64	49 57	49 55	51				45.5 58.0
	IN!	19	21 57	54	36 74	32 60	63	65	36 70	36 79	48 71	30 63	76	80	58 81	63 82	50 79	36 66	70	75	51 78	45 79	45 81	76	38 78	45. 75	39 70	65	29 55				38.5
	IAX	43	39 49	62	52 60	70	53 60	61	53 60	69	77	35 66	67	53 72	54 80	79	55 82	48 74	52 65	62	59 70	55 79	80	53 82	76:	54. 79:	52 80	51 68	37 60				50.9 69.2
	IAX	32	33 53	64	42 65	53 70	46 57	52 64	46 62	50 68	60 71	34 64	35 67	40 69	51	55°	58	46 70	47 69	74	73	48 77	50 79	51	48 76	52 80	49 78	70	67				47.2 69.3
	IAX	29 52	28 62	37 66	45 74	50 57	46	55 62	46 73	53 76	57 66	33 63	38 76	77	79	59 80	70	46 69	47 65	53 79	56 75	50 75	55 77	51	47 78	50 76	52 67	69	58				47.2 70.1
м	IIN	30 27	38	42 57	57	49 52	53	50 69	52 67	63	59	38 57	62	63 72	63 79	77	70	49 62	51 65	60 58	57 62	54 60	70	52 73	50 71	59 68	56 67	50 55	54				51.7 61.6
М		12	19	25 61	40 64	28	30 60	67	31	33	46 73	24 64	25	36 73	61 73	62 75	55 75	31 68	34 68	48	73	40 69	44 76	38 72	73	40	45 73	45	70				37.7 67.6
М	HIN	35	35	45	58	51	52	55 65	54	62	58 79	44	49	64 75	65 71	65	66	53	53	58	58	58 75	62	56	55	63	61	60	49				55.1
M	IIN	26	27	34	45	47	44	52	45	52	56	32	37	70	59	62	58	44	47	49	55	51	53	50	51	57	53	52	42				47.3
М	IIN	22	24	28	34	32	52 26	34	60 29	66 32	50	24	28	35	76 46	78 50	55	66 32	66 33	44	67 49	67 39	41	41	68 42	43	67 44	43	30				36.8
Ж	IIN	32	48 33	59 41	60 45	75 53	60 52	65 58	66 52	71 56	80 62	68 33	65 35	76 56	80 54	81 56	81 66	78 55	69 50	70 54	77 61	79 53	81 55	50	78 47	80 55	72 51	75 55	65 44				70.9
M	IIN	38 25	48 25	59 34	39	39	38	55 43	60 37	65 47	64 51	57 30	62 38	68 42	78 51	76 58	74 55	38	63 42	57 48	71 49	69 45	74 52	75 46	72 49	69 49	70 47	59 45	50 35		1	-	62.6 42.8
М	IIN	25	28	63 35	57 44	36	37	59 49	65 41	64 55	64 52	59 28	62 35	72 47	80 59	76 64	80 57	63 37	69 50	61 51	69 46	65 45	70 55	75 44	77 51	74 48	75 48	58 49	56 35				64.7 44.7
		35 28	48 29	62 38	61 43	67 49	58 46	61 48	60 45	66 50	72 55	61 33	63 38	71 46	77 55	74 60	79 58	65 45	63 47	63 54	66 55	73 52	74 53	78 50	73 50	78 53	74 53	69 50	62 42	-			66.2 47.3
		26 17	33 19	52 25	47 31	49 31	50 32	58 37	57 36	68 38	58 43	50 27	59 33	69 43	75 58	68 61	67 50	59 35	61 37	55 43	57 50	61 46	72 47	69 38	67 32	62 38	58 40	54 42	49 28				57.5 37.8
		36 27	47 28	59 36	60 41	65 48	57 46	59 48	60 47	66 48	70 54	61 33	62 33	70 40	78 53	73 58	80 52	65 45	63 44	63 49	74 51	76 51	77 51	76 51	77 52	76 57	72 51	72 50	57 41				66.1 45.9
		36 18	52 23	47 38	52 38	45 30	57 27	55 32	62 30	60 50	52 32	55 25	67 36	74 56	73 61	69 52	59 39	59 30	55 37	62 45	64 47	68 41	68 47	56 36	62 45	57 38	55 38	51 39	40 28				57.6 37.8
		41 25	51 32	56 30	51 37	60 40	57 38	59 51	60 40	65 48	69 51	59 29	62 33	70 41	79 49	76 58	77 55	63 40	63 43	58 49	69 51	70 47	76 52	75 44		70 49	73 45	62 44	50 37				64.2 42.9
			58 29	59 32		50 36	59 37	60 40		64 56	60 50	61 28	73 45	77 59	77 63	81 58	64 57	62 39	56 48	70 52	64 49	70 46	76 55	70 43	70 48	70 47	62 48	56 48	53 37				63.8 45.1
		40 30	48 30	60 44	68 54	73 52	57 53	64 56	64 52	70 59	79 60	65 33	62 40	73 56	77 59	78 65	79 68	76 49	67 52	67 55	76 61	78 54	78 58	80 54	75 50	76 62	74 53	69 55	70 43				69.4 52.0
			44 25	58 31		55 34	52 31	63 33	60 34	67 35	66 50	54 27	61 30	69 35	75 46	77 52	74 53	65 36	60 38	55 45	69 52	65 42	67 42	72 43	65 44	66 44	67 43	67 43	51 32				61.8 38.7
		30 15	36 18	52 18	47 34	53 28	44 26	64 31	65 32	65 35	60 42	53 23	57 25	69 39	76 59	74 59	66 47	60 31	59 32	56 41	61 51	65 42	70 43	69 34	63 35	64 39	59 36	56 36	50 25				58.7 34.9
		50 30	59 38	56 39	63 45	55 46	59 44	60 48	63 44	68 59	61 42	60 35	71 40	79 52	74 52	79 60	67 54	64 44	61 51	71 59	70 55	72 52	77 57	71 50	75 52	73 53	65 52	56 48	52 37				65.4 47.8
			61	65 47	71 53	54 48	66 50	63 50	72 51	78 66	70 43	64 37	73 44	74 62	78 65	78 65	71 54	67 48	63 50	75 60	75 58	73 54	78 60	75 54	76 51	75 60	66 57	69 50	57 38				69.1 51.4
								1												i								1					

DA	TTV	TEME	FRA	TITE	FC
		T I TATE	Link	uun.	Lin

ALABAMA FEBRUARY 1949

Table 5-Continued Day of month														1949																			
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Averag
MOBILE WB CITY	MAX	49	62 38	64 48	68 56	56	65 51	63 53	69 52	78 65	70 48	64 42	72 47	73 62	76 64	75 64	72 57	67 51	65 52	76 62	75 59	75 55	75 60	75 56	74 54	74 62	66 58	68	56 43				68.6 53.3
MONTGOMERY WB APT	MAX	51 29	60	54	63 51	55 44	59 43	61	62 42	70 59	60 40	60 33	71 37	78 49	75 51	80 60	67 53	65 44	59 50	69 56	72 53	74 49	78 57	73 49	76 49	76 54	65 50	55 48	51 35				65.7 46.7
MONTGOMERY WB CITY	MAX	50 30	59 38	53 42	62 51	55 46	58 44	60 51	62 47	69 59	60 44	60 35	70 41	77 55	74 56	80 60	67 54	64 45	59 50	69 57	72 56	73 52	77 60	72 51	76 51	74 56	64 50	54 48	50 37				65.0 48.8
MUSCLE SHOALS	MAX		47 26	46 35	49 37	48	63 31	53 34	66 36	60 52	52 35	55 29	68 41	74 58	70 64	69 47	56 42	56 34	55 41	56 45	63 49	66 45	68 49	60 38	60 45	55 41	52 38	51 39	41 28				56.9 39.4
ONEONTA	MAX	32	38	54 29	48	48 36	55 28	61 32	60 33	66 33	63 50	53 26	56 26	69 40	76 56	75 5 7	72 55	65 35	61 35	54 44	69 51	62 40	71 41	73 40	72 40	67 40	65 43	55 43	50 29				60.4 38.1
OZARK	MAX	42 29	49 30	60 39	58 42	73 52	60 50	62 51	63 50	69 53	78 59	65 33	64 35	73 43	79 52	79 56	80 58	75 46	66 47	68 51	72 59	73 53	79 54	82 52	75 50	77 52	71 52	73 51	63 42				68.9 47.9
PRATTVILLE	MAX MIN	39 30	48 30	59 37		62 42	55 41	57 48	60 41	62 51	67 54	58 32	60 37	70 47	78 47	74 51	79 58	67 44	55 39	68 46	78 55	69 48	70 52	77 45	73 50	73 52	72 51	65 49	55 38				64.8 45.0
ROBERTSDALE 7 MI E	MAX HIN	52 29	62 38	62 43	72 58	64 50	65 53	65 57	74 50	79 68	70 57	65 36	75 41	76 61	79 63	80 68	74 65	68 48	63 51	79 63	77 52	76 53	78 57	78 51	78 47	73 61	69 55	71 56	65 44				71.0 52.7
ROCK MILLS	MAX MIN	43 27	48 27	58 33	48 36	58 38	55 35	58 44	64 36	66 40	67 52	59 29	63 29	69 32	76 44	76 46	76 56	64 41	65 39	59 46	71 41		75 42	74 46	72 43	69 43	72 42	63 44	50 40				63.6 39.7
SAINT BERNARD	MAX	29 19	36 22	53 20	46 30	54 32	47 28	60 35	57 30	64 32		59 26	58 28	68 42	75 52	72 60	68 58	62 34	60 34	58 43	58 50	65 41	70 41	72 38	64 41	66 46	60 40	55 41	51 29				58.8 36.7
SCOTTSBORO	MAX	42 19	54 27	45 30	35	54 30	64 28	61 39	60 29	60 51	54 43	60. 27	70 37	79 43	75 46	70 56	63 53	62 35	55 38	65 43	68 52	70 49	73 49	67 37	63 47	64 42	53 40	53 42	48 29				61.2 39.1
SELMA	MAX	33 28	46 29	60 35	59 43	63 43	52 42	58 44	61 43	63 47	67 54	60 32	61 33	72 41	80 55	76 58	82 59	67 43	65 43	60 53	74 54	71 49	71 50	77 49	72 49	74 51	75 52	63 50	51 42				64.8 45.4
SPRING HILL	MAX	37 29	50 36	62 40	66 50	71 49	54 49	55 53	56 49	70 55	78 56	65 37	66 42	74 45			80 64	70 48	68 51	64 52	76 58	76 54		74 53	76 50	79 60	76 56	64 56	58 43				66.6 49.4
TALLADEGA	MAX	37 25	47 25	60 30	50 39	56 34	49 33	61 34	62 36	68 37	65 51	57 27	62 27	70 42	77 52	79 52	75 55	66 35	62 36	58 47	73 51	67 43	70 45	75 42	68 42	69 46	70 45	61 45	51 32				63.0 39.6
THOMASVILLE	MAX	31 25	36 24	60 31	64 42	65 42	50 41	62 46	59 46	67 52	70 54	58 32	. 33	71 46	77 61	76 63	81 58	67 41	63 41	61 51	75 54	74 50	73 51	77 49	71 49	75 54	71 51	60 50	61 41				65.0 45.6
TROY	MAX	38 28	50 29	59 40	60 40	68 50	58 47	60 53	60 47	70 53	74 55	64 35	63 41	71 47	79 56	77 50	77 58	73 45	57 48	65 52	69 57	75 52	64 57	78 51	75 52	77 52	74 51	66 49	61 41				66.5 47.7
TUSCALOOSA AIRPORT	MAX	41 24	58 28	55 40	54 42	53 34	64 32	64 38	66 36	63 53	58 37	62 28	72 34	80 57	74 61	80 56	63 48	65 37	57 46	68 51	61 47	68 43	73 49	73 40	70 48	70 46	58 46	56 47	50 33				63.4 42.2
TUSKEGEE	MAX	55	60	60 40	63 49	54	67	62 45	69	70 57	67 59	66 30	74 41	79 38	77 51	79 62	70	68 44	64 48	69 58	71 55	74 49	76 55	72 55	74 49	75 54	74	63 46	55 40				68.6 49.0
UNION SPRINGS	MAX MIN	39 30	50 31	60 38	60 43	60 50	59 41	57 50	62 45	69 53	72 54	62 32	64 38	72 44	79 55	75 60	79 57	67	65 47	64 49	65 55	74 49	77 55	77 49	72 50	75 54	74 50	61 47	57 41				66.0 46.8
UNIVERSITY	MAX	40 24	58 30	54 41	53 42	51 34	61 34	62 40	65 40	62 53	58 36	62 30	71 39	78 58	76 62	80 57	61 47	64 39	56 48	66 50	59 50	68 45	73 53	72 44	70 51	70 47	57 47	53 46	49 33				62.5 43.6
VALLEY HEAD	MAX	35 23	40 23	52 34	53 39	50 26	45 25	52 26	60 28	62 35	60 48	55 21	60 35	65 42	71 53	76 50	69 54	70 29	64 26	51 40	62 50	62 48	65 41	71 35	61 38	62 40	64 40	54 39	42 28				58.3 36.3
WETUMPKA	MAX	40 30	52 30	59 37	55 43	60 44	55 43	59 46	60 42	65 43	67 54	60 31	61 32	69	76 52	73 52	78 58	67 44	65 43	62 54	68 53	71 49	71 49	78 46	73 46	72 52	74 51	65 49	55 43				64.6 45.0

EVAPORATION AND WIND MOVEMENT

Cr. st	Day of month															7	rhire																
Station	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Tota	Depa
	AP OS	5 .007			.001		004	082	.036	113	. 191	098	. 154	.125		138		198				. 100	149	201	.118	243 62	129	060				2 728 1 268	
PAIRHOPE EVA		2 .032				.004	.036	010					092 40	074 42	1193	.069	140	.074	27	082 20	078 12	068 16	122 18	062	120	078 19		182				2.180 908	

									PEBRUARY 194
Station	o County	Drainage† Latitude Longitude Elevation	Observation time Observer	Refer to tables	Station	ON County	Drainage† Latitude Longitude Elevation	Observation time Observer	Refer to tables
ASBEVILLE ADDISON ADDISON CENTRAL TOWER ALBARAA STATE PARM ALBERTA ALBERTA ALBERTA ALLEVILLE ANDALUSIA ANNISTOM	0008 HENRY 0063 WINSTON 0071 LAWRENCE 0117 LIMESTONE 0140 WILCOX 0148 MARSHALI 0163 TALLAPOOSA 0178 PICKENS 0252 COVINGTON 0267 CALEDOUN	4 31 34 85 15 2 34 13 87 10 2 34 25 87 19 12 34 41 86 53 1 32 14 87 25 12 34 16 86 13 11 32 59 85 52 13 33 08 88 10 6 31 19 86 30 3 46 86 30 3 47 33 40 85 50 724	ALA. POLY. INST. SA SIUNEY J.HARDY, SR. GA PAT M.COURINGTON SA SA P. E. BLACKBURN 7A HOSIE PHILLIPS SA WM. M. GARRETT	2 3 5 2 3 5 2 3 5	LOCK WO 3 LOCK NO 4 LOCK NO 17 MADISON MAGRALIA MAGNALIA MARION 1 MILE SSE MARION 1 DVNCTION MARY IN DAM	4840 CHOCTAW 4845 TALLADEGA 4855 TUSCALOGA 4976 MADISON 4996 JEFFERSON 5004 MARENGO 5108 PERRY 5116 DALLAS 5140 TALLAPOGSA 5202 MONTGOMERY	13 32 17 88 01 33 7 33 38 86 11 510 2 33 28 87 20 280 12 34 42 86 45 573 3 33 30 86 51 654 1 32 08 87 39 3 22 37 87 18 283 3 32 26 87 14 204 11 32 40 85 55 340 1 32 28 86 28 165	7A U. S. ENGINEERS 7A U. S. ENGINEERS 7A U. S. ENGINEERS 7A U. S. ENGINEERS 7A PHEARTY P. CANTEE 6A ALABAMA POWES CO. MID UR. T. H. GALILARD 8A O. MYRON EOLIFIELD 9A MES, MARGARET SMITTE 6A ALABAMA POWER CO. MID MID U. S. ARMY AIR POWER	3 3
AMMISTON WB AIRPORT ARLEY ASSELAND ASSEVATION ASSEVATION ASSEVATION ASSEVATION ASSEVATION ASSEVATION AUTHOR AUTHOR AUTHOR AUTHOR AUTHOR AUTHOR AUTHOR AUTHOR AUTHOR AUTHOR AUTHOR AUTHOR AUTHOR AUTHOR AUTHOR AUTHOR AUTHOR AUTHOR AUTHOR ASSEVATION ASSEVATI	0272 CALEOUN 0338 WINSTON 0369 CLAY 0377'ST. CLAIR 0390 LIMESTONE 0402 ESCAMBIA 0422 LEE 0427 LEE 0427 LEE 0440 AVTAUGA 0546 COLBERT	7 33 35 85 51 2 34 04 87 13 11 33 16 85 50 7 33 50 86 16 88 12 34 48 86 59 706 8 31 10 87 29 11 32 36 85 29 12 32 46 85 29 12 34 43 87 52 463	7A TVA-62 7A ATMORE STATE FARM 8A MRS.MAETHA I. MOORE MID SCS 8A J. B. MEIGHBORS	3 3 4 3 3 2 3 4 5	MELVIN MERTZ 3 MILES E MIDWAY MILLERS FEERY MILLERS FEERY MILSTEAD MITCHELL DAW MOBILE WB CITY MOBILE WB CITY MOBILE WB CITY	5354 CHOCTAW 5382 BIBB 5397 BULLOCK 5417 WILLOCK 5427 WASHINGTON 5439 MACON 5465 CRILTON 5478 MOBILE 5483 MOBILE 5529 MADISON	13 31 56 88 27 3 32 53 8" 20 4 32 04 48 32 1 32 06 87 22 78 38 88 19 36 13 31 38 88 19 36 13 32 77 85 54 206 7 32 48 86 27 350 9 30 42 38 02 10 12 34 45 63 31 3850	7A JOHN R. LAND 8A USFS W HALL NID MATCH W HALL STORM D. WILLIAMS 6P. P. MARDIN D. WILLIAMS 6A ALABAMA POWER CO. MID MID U.S. WEATHER BUREAU MID MID U.S. WEATHER BUREAU 7A WAY-530	2 3 5
BAY MINETTE DEATRICE DEATRICE BELGREN USERY DERMAR 2 WILES SE BILLINGSLEY DIRMINGEAM WE AIRPORT BISHINGEAM WE CITT DISSOP BOAZ	0583 BALDWIN 0616 MONROE 0631 FRANKLIN 0748 FAYETTE 0790 MARIOM 0823 AUTAUGA 0831 JEFFERSON 0836 JEFFERSON 0836 JEFFERSON 0836 JEFFERSON 0854 COLBERT 0957 MARSHALL	9 30 53 87 47 268 13 14 37 13 14 487 13 12 34 28 87 52 910 13 24 12 88 09 13 22 33 34 86 45 610 23 33 32 86 50 694 12 34 39 88 65 67 67 2 34 13 86 10	7A W. P. DUNN MID TVA-43 MID MISS CLARA R. OLIVI MID WM. E. WHITERAD MID WID L. SALIAN MID WID U.S. WEATHER BUREAU 8A 8A MMS CARRIE B.HORTON	2 3 4 3 4 3 4 5	MONTEVALLO MONTGOMERY WB AIRPORT MONTGOMERY WB CITY MOULTON MUSCLE SEDALS NEW BROCKTON NEWBURG MEW MARKET REWITON OWNDWITA	5537 SHELBY 5550 MONTGOMERY 5625 LAWRENCE 5749 COLBERT 5842 COPFEE 5847 FRANKLIN 5862 MADISON 5875 DALE 6121 BLOUNT	3 33 06 86 53 462 1 32 18 86 23 198 1 32 23 86 18 201 12 34 29 87 17 630 12 34 48 77 36 56 5 31 23 85 56 12 34 58 86 56 12 34 58 86 56 12 34 58 86 58 725 5 31 20 85 37 216 2 33 57 86 30 857	SA M. P. JETER MID WID U.S. WEATER BUREAU MID WID U.S. WEATER BUREAU MID MID CAA-BA! MID MID CAA-BA! MID E EARL BOYETT 7A TVA-624 7A TVA-624 7A TVA-624 7A TA L. E. SELLERS	3 4 5 2 3 4 5 3 4 2 3 5 3 4 3 3 3 3 2 3
BRANTLEY BREWTON 3 MILES SE BRIDGEPORT 2 MILES W BRUNDIDGE CALERA CAMPDRILL CENTER GROVE CENTER STAR CENTREVILLE	1069 CRENSHAW 1084 ESCAMBIA 1099 JACKSON 1178 PIKE 1288 SHELBY 1315 CLARKE 1377 WALLER 1492 MORGAN 1497 LADDERDALE 1520 BIBB	6 31 35 86 16 284 63 104 87 03 85 12 34 56 85 44 65 13 14 3 85 49 515 13 31 55 87 59 23 54 87 32 430 12 34 23 86 33 786 12 34 49 87 25 600 3 32 57 87 08 23 57 87 08 22 3	5 6 6 MRS. CLARA T. PRAVI NISS M.LOUISE JONES 8A GEO. L. BICKS 8A L & N R. R. AGENT MID B. DOUGLAS REID 7A MISS MARY C. RAY 7A U.S.DEPT. INTERIOR 174 TV4-521	3 5 3 3 3 4 3 3 2 3 5	ORRVILLE OZARK PAINT ROCK PAINT ROCK PAINER DALE PERRYVILLE PETERMAN PICEKRSYILLE PIWE BILL PIWE BILL PIWE LEVEL PLANT BRSVILLE	6161 DALLAS 5218 DALE 6226 JACKSON 6362 PERRY 6362 PERRY 6370 MONROE 6414 PICKENS 6460 WILCOX 6568 MONTCOMERY 6508 DALLAS	1 32 18 87 14 200 5 31 23 85 39 400 12 34 40 86 20 610 3 33 44 86 39 31 3 23 78 78 708 1 31 35 87 16 13 33 13 88 16 1 31 59 87 36 110 6 32 04 86 04 1 32 39 86 56	SA EUMAALD B. WARREN 7A 7A MRS. MARY E. SCOTT MID TVA-69 100 ROBERT P. STORES 8A MRS. GERTRUDE GREE MID MRS. MINTA EDDINS 7A MRS. DORA I. CLAY 8A AUBREY T. WARTHERL' 7A C. W. ADAMS 8A O. W. EURNES	3 4 3 3 3 3 4
CHILDERSBURG CITROMELLE CLANTON CLAYTON COPPEE SPRINGS COLLINSVILLE COLUMBIA CORDOVA CUBA DADBVILLE	1615 TALLADEGA 1685 MOBILE 1694 CHILTON 1725 BARBOUR 1807 GENEVA 1849 DE EALB 1865 HOUSTON 1940 WALKER 2079 SURFER 2119 TALLAPOOSA	7 33 17 86 21 540 9 31 05 86 14 331 7 32 51 86 38 59 5 31 53 85 27 59 5 31 10 85 52 73 34 15 85 52 73 5 31 18 85 06 13 2 33 46 87 11 334 13 32 26 88 23 213 11 32 50 85 45 766	7A 7A B. O. JONES 7A PHUGH M. SIMPSON 7A CARL J. ROEBUCK 8A C. B. ADKISON 7A MGRS. S. CUNNINGEAM 8A COY THOMPSON 8A MRS. C. GRESHAM 8A REUBEN P. BARRIS	3 5 5 2 3 5 3 3 3 5 3 3 3 5 3 3 3 3 5 3 3 3 3	PLEASANT HILL PRATTVILLE PRIMOSE PARM PUSHMATABA RED BAY REFORM RIVER PALLS RIVER PALLS MILES ME ROBERTSDALE 7 MILES E ROCK MILLS	6526 DALLAS 6640 AUTAUGA 6684 MONTCOMERY 6719 CEOCTAW 6805 FRANKLIN 6847 PICKENS 6937 COVINGTON 6942 COVINGTON 6942 COVINGTON 6988 BALDWIN 7025 RANDOLPE	1 32 09 86 58 1 32 28 86 28 261 1 32 20 86 15 180 13 32 12 88 21 12 34 27 88 09 627 13 33 23 88 01 6 31 21 86 32 6 31 23 86 33 9 30 33 87 48 148 4 33 09 85 18 745	MID CHARLES M. MEDRIY BA BA, F. M. BUCCHIY BA BA MS. MSB. JANIE C. BROWI A TYA-493 7A W. M. MC DOMALD BA JOHN R. READLEY MID ALABAMA ELECTRIC C: GP GP CARL BOSECK BA GA JAMES B. BAILEY	3 3 3
DADEVILLE NO 2 BANCY DANVILLE DATION DECATOR NO 4 DECATOR NO 4 DECATOR SUBSTATION DEMOPOLIS DOTRAN CAA AIRPORT ELBA	2124 TALLAPOOSA 2141 PICKEMS 2149 MORGAN 2188 MARENGO 2207 MORGAN 2216 MORGAN 2221 MORGAN 2221 MORGAN 22372 MOUSTON 2577 COFFEE	11 32 50 85 46 13 33 01 88 17 207 12 34 25 87 04 595 13 32 21 87 39 12 34 37 86 58 57 12 34 37 86 59 60 12 34 36 86 59 60 12 34 36 86 58 58 13 32 31 87 51 100 15 31 15 85 27 322 10 31 25 86 04 204	7A TVA-503 8A 8A JAMES M. CREWS 8A 8A MMS. FREDA TRIMBLE 6A TVA-63B 8A TVA-411 7A J. A. ROBERTSON MID MID MAD	3 4 3 3 2 3 5 2 3 5 3 3 4 5	SAINT BERNARD SAND NTM. STATE FARM AP SAYRE SCOTTSBORD SCOTTSBORD SUBSTATION SRALE 7 MILES WWW SKLMA SEEPFIELD TVA RRSY SECHMAKER SPRINGS SLOCOMES	7157 CULLMAN 7207 DE KALB 7282 JEPFERSON 7310 JACESON 7310 JACESON 7326 ROSSELL 7366 DALLAS 7415 COLDERT 7460 LIMESTONE 7576 GENEVA	2 34 12 86 47 802 12 34 17 85 58 1195 2 33 43 86 58 304 12 34 41 87 02 660 12 34 41 87 01 660 4 32 18 85 17 358 1 32 25 87 00 147 12 34 46 87 42 505 12 34 51 87 12 610	7A 7A FR. FREDERICK SMITH SPAIN. SPAIN. FALA. POLY. INSTITUT. 7A DORA R. WESSTER 7A 7A MSS. KINITE BOBO 7A TVA-76A 8A B. G. BUSS 7A 7A JOHN O. RHODES 7A TVA-69 7A TVA-69 7A TVA-68 6A PATRICK H. SMITH	
ELROD EUPAULA EUTAW LOCK NO 7 EVERGREEN FAIRHOPE FALLS CITY 6 MILES NW FARLST FAYSTE FLAT ROCK	2632 TUSCALOOSA 2727 BARBOUR 2742 GREENE 2742 GREENE 2813 BALDWIN 2840 MORGAN 2846 WINSTON 2867 MADISON 2883 FATETTE 2945 JACESON	13 33 15 87 48 4 31 53 85 08 254 2 32 47 87 50 6 31 26 86 58 34 9 30 32 87 55 23 12 34 22 86 55 62 2 34 04 87 20 65 12 34 36 86 34 670 13 33 41 87 50 38 12 34 46 85 41 380	7A E. B. HOLBROOW 8A SA MMS.JESSIE D.GOLSON MID 6P HAROLD F. YATES 7A TYA-384 7A USFS 8A TYA-57 8A SA TWM. M. EILEY	3 5 5 3 4 5 2 3 5 6 3 3 4 5 3 3 4 5 5 6 5 6 5 6 5 6 6 6 6 6 6 6 6 6 6 6	SMITHSONIA SNOW BILL SOUTH BILL SPRING BILL SPRING BILL STAIM STLACAUGA STLVANIA TALLADEGA HORN MIN.TOWE THOMASVILLE	7599 LAUDERDALE 7620 WILCOX 7671 DE KALB 7733 MOBILE 7968 JACESON 7994 TALLADEGA 8012 DE EALB 8024 TALLADEGA 8178 CLAREE	12 34 46 87 51 50 1 32 00 87 01 225 12 34 24 86 02 990 9 30 42 88 10 175 12 34 53 86 13 548 12 34 34 85 49 1400 7 33 26 86 06 554 7 33 10 86 13 548 12 34 34 85 49 1400 7 33 26 86 06 554 7 33 18 86 04 1919 13 31 55 87 45 385	7A TYA-583 7A MRS. EVA R. RAY 7A ITVA-75 9A 9A RAMLIN E. TIPPINS 7A TVA-385 8A ALABAMA POWER CO. 7A TVA-386 7A 7A C. D. WEAVER 9A USFS 7A MRS. MINNIE DEATOR	3 3 2 3 5 3 3 9 2 3 5 3 5 3 5 3 5 3 5 2 5 5 5 5 5 5 5 5
FLORENCE AT LOCK FORT DEPOSIT FORT MORGAN FORT PAYME FRISCO CITY GABSIEN GAIMESVILLE GARDEN CITY GAMSULLE GARDEN CITY GAMSULLE GANEVA	2976 LAUDER DALE 3024 LOWNDES 3035 BALDWIN 3043 DE KALB 3105 MORROE 3151 ETOWAH 3160 SUNTER 3200 CULLMAN 3225 GENEVA 3399 COOSA	12 34 47 87 40 456 6 31 59 86 35 526 9 30 14 88 01 7 34 26 87 24 7 34 01 86 00 13 32 49 88 09 13 32 49 88 09 2 34 00 86 44 5 31 02 85 52 100 7 33 04 86 03 826	7A MRS. ISABEL C. HUGHES 8A MAID WM. H. CHANDLER 9 8A JOHN W. PATE 8A MRS. NELLA MCKENZIS 4 8A 8A 6G. ERREST BOLCOMB 7A FRANK J. FIELDS 7A MRS. G. MC KENZIE 7 7A 7A REBECCA CAMPPELL	2 3 4 5	TEORSEY 1 MILE SW THUTLOW DAM TIBBIE TOREY TRAFFORD TROY TUSCALOOSA AIRPORT TUSCALOOSA LOCK & DAM TUSCALOE UNIOM SPRIMGS	8204 CHILTOW 8215 ELMORE 2223 WASHINGTON 8259 MADISON 8285 JEFFERSON 8323 PIKE 8380 TUSCALOOSA 8385 TUSCALOOSA 8398 MACON 8438 BULLOCK	1 32 54 86 44 111 32 32 88 55 4 288 15 226 12 34 54 86 44 10 31 49 85 58 59 17 2 33 14 87 37 170 2 33 13 87 35 152 11 32 24 85 42 465	NID SCS 6A ALABAMA POWER CO. 8A MISS DOROTHY TATLO. NID TVA-506 7A MRS. M. JOENSON 8A 8A TROMAS J. DILLARD MID MID CAA 7A U. S. ENGINEERS 5P 5P W. T. TEOMPSON 8A 8A MRS. DOROTHY SMITE 8A 8A MRS. DOROTHY SMITE	3 4 3 4 2 3 4 5 2 3 4 5 3 3 5
GORGAS GREENSBORD GREENVILLE GREENVILLE GULF SEDRES 2 MI SSE GUNTERSVILLE GUNTERSVILLE GUNTERSVILLE GUNTERSVILLE GUNTERSVILLE GUNTERSVILLE HAMILTON-	3430 WALEER 3511 BALE 3519 BUTLER 3524 BUTLER 3559 BALDWIN 3573 MARSHALL 3578 MARSHALL 3583 MARSHALL 3620 UINSTON 3644 MARIOH	2 33 39 87 13 300 2 32 42 87 36 22 6 31 50 86 38 444 9 30 16 87 40 1 12 34 22 86 17 61 12 34 22 86 17 61 12 34 26 86 24 61 2 34 26 86 24 61 3 34 08 37 59 498	8A 8A MRS. C. POKLLMITZ 8A 8A CECILE T. LEWIS MILD CITY WATER PLANT 8A MRS. G. M.MC LEOD 8A L. S. LONG MID TVA-403 7A TVA-70 77 7A 7A SIMER L. SEIPMAN	3 5 2 3 5 3 4 5 3 4 5 3 4 5 3 4 5 3	IIN I OPTOWN UNIVERSITY VALLEY BEAD VANCE VERNON WATLEY WALLACE WALLACE WALLACO WEST BLOCTON	8446 PERRY 3454 TUSCALOOSA 8469 DE KALB 8477 TUSCALOOSA 8517 LAMAR 8605 RANDOLPH 8637 ESCAMBIA 8648 ETOWAH 8686 LAUDERDALE 8889 BIBB	1 32 27 87 31 273 2 33 12 87 33 225 7 34 34 85 36 1031 3 33 10 87 13 13 33 45 88 07 180 11 33 08 85 34 640 6 31 12 87 14 2 34 04 86 19 850 12 34 55 88 04 445 3 33 07 87 07	8A MISS MARY MARTIM MID MED ME. P. B. MITCHENLE 8A MRS. CARRIE DALBY 7A WM. F. VANCE MID G. C. MOORE, M. 6A ALABAMA POWER CO. 8A MRS. RUBY SOWELL 7A MRS. FLORENCE PARLE 7A BORACE F. PTBOR 8A RUPERT M. BRAKDER	3 4 3 3
HARRISBURG 6 MILES SE BAYWEVILLE BELKNA HIGELAND HOME HIGHTOVER HOUTSVILLE SUBSTATION HOWTSVILLE BYTOP JACKSON SHOALS	3697 PERBY 3748 LOWNDES 3783 SHELBY 3816 CRENSRAW 3842 CLEBURNE 3899 FRANKLIN 4060 MADISON 4068 MADISON 4099 JACKSON 4198 TALLADEGA	3 32 48 87 11 600 1 32 11 86 35 3 33 18 86 51 416 6 31 57 86 19 11 33 32 85 24 13 34 20 87 56 12 34 42 86 35 611 2 34 42 86 35 611 2 34 42 86 35 150 7 33 32 86 12 473	S AN MAXINE E. WATBON SA RUDOLPH ENGLAND TA TA LUEE JORDAN SA WRS. EARL LINDSEY GA PRANK L. HAYDES GA TVA-65 O MID WID U. S. WEATHER BUREAU TA-TVA-78	3 3 2 3 5 3 3 4 5 3 3	WETUMPEA WHATLEY WHERELER DAM WHISON DAM WHIFIELD 2 MILES SW YATES SYURO PLANT YOUNGS STORE	8859 CLMORE 8867 CLARKE 8875 LAWREMCE 8980 COLBERT 8998 FAYETTE 9103 ELMORE 9350 LAUDERDALE	7 32 32 86 12 205 13 31 39 87 43 12 34 47 87 21 12 34 49 87 37 530 13 35 68 87 49 46 11 32 34 85 54 335 12 34 57 87 54 846	GA MRS. D. R. WRITAKE 7A LEONARD L. COLEMAN 7A TVA-52 6A TVA-671 7A W. W. COTNEY 6A ALABAMA POWER CO. 7A TVA-621	2 3 5 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
JACESONVILLE JORDAN DAM LA PAYETTE LAY DAM LEEDG LEESBURG LLVINGSTON LOCKEART LOCK NO 1 LOCK NO 2	4209 CALBOUN 4306 ELMORE 4502 CEAMBERS 4603 COSSA 4619 JEFFERSON 4627 CHEROKEE 4799 SUNTER 4822 COVINOTON 4830 CLARKE 4835 CHOCTAW	7 33 49 85 45 7 32 37 86 15 299 11 32 54 85 24 834 7 32 58 86 31 42 7 32 58 86 31 42 7 32 58 86 11 85 46 13 32 33 38 16 33 7 34 11 85 46 58 13 32 35 88 11 16 9 31 01 86 22 299 13 31 33 38 01 13 32 08 88 02 23	SA SA CLARENCE H. PINCEER 6A ALABAMA POWER CO. 8 AMRS. MARY K. LEE 7A RUFUS M. SEWELL 5D 5P 5P PROF.E. J. MURPHEY 6 A 8A H. C. YOUNG 7A U. S. ENCIMMERS	3 4 3 5 3 4 3 3 2 3 5 2 3 5 2 3 5		j .		1	1

\$ '1-alabama; 2-black warfior; 3-carab; 4-crattabocker; 5-croctaweatcher; 6-conecue; 7-coosa; 8-escambia; 9-gulf; 10-pea; 11-talaposa; 12-termesser; 13-tombighes

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a State.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Stations appearing in the lader, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperatures in *F, precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

When nourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.

Amounts in Table 4 are from recording gages. Traces are not shown.

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

- No record.

 And also on later dates.

 And also on later dates.

 Anount included in following measurement, time distribution unknown.

 Cage is equipped with a windshield.

 Precipitation measured as 6-hourly intervals, no recording gage.

 White requivalent of smowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new smowfall.

 Whater equivalent of smowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new smowfall.

 One or more days of record missing; see Table 5 for detailed daily record.

 Station equipped with recording gage only. All assounts in Table 3 are for non-recording gages, except for stations with this reference.

 Trace, an assount too small to measure.

 Includes total for previous month.

 Showly assounts ince is 130 A E.S.T. of the following day.

 Rounly assounts from recording gage at the same site may be found in Table 4.

Subscription Price: 15 cents per copy; \$1.50 a year (Yearly subscription includes Annual Summary), Correspondence regarding subscriptions should be addressed to the Weather Records Processing Center, 430 Post Office Building, Chattanooga 2, Tennessee.





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CLIMATOLOGICAL DATA

ALABAMA

MARCH 1949

Volume LV No. 3



ALABAMA - MARCH, 1949

A. R. Long, Section Director - Montgomery

General Summary

Although this March was on an average only 1.3° cooler than normal, it was nearly as cool as any month preceding it during the past winter. Rainfall totals were rather large in the west central and southwest portions, but they were fairly light in the extreme southeast and a few other localities in the east.

The first day of the month was cold, following general rain which had fallen on February 27th. Temperatures rose steadily until the 6th, when general rain occurred and it had become quite mild. From the 7th to the 20th, the trend was toward colder weather, with brief drops in temperatures after general rainstorms occurring about every 4 days. Minimum temperatures as low as 32° were nearly State wide on the morning of the 19th. weather prevailed after the 20th, and the March that "came in like a lion went out like a lamb". Rainfall was rather frequent during the last week.

Vegetation which had become abnormally advanced due to the unusually warm winter, was harassed considerably by frosts and light freezes until after the general frost on the 19th. Little real damage was done, however, and as the month ended, pastures and growing field crops and most other vegetation were in better shape than usual for the time of year, and fruit trees came through without serious injury. Some early planted corn was up in the south, and the planting of cotton and peanuts was underway in that section as the month ended. Irish potatoes in the coastal counties continued to show bright prospects, but strawberry marketing in the producing area around Butler County was below seasonal expectations.

Wet soil hindered field work in the north and west, but plowing and planting ran ahead of schedule in some parts of the southeast and they did not get seriously behind in other parts of the State.

WINDSTORMS

No particularly severe windstorms were reported. Some scattered thundersquall damage was done to houses and barns in southwest Escambia County at about 11:30 p.m. on the 21st. Light hail occurred in this storm.

FLOODS

The lower Tombigbee River from Demopolis downward was above flood stages and falling at the beginning of the month, and fell to below flood stage at Lock No. 1 on the 9th. Heavy rains late in the month caused the lower Tombigbee to overflow heavily, and moderate flooding to occur in the Warrior and Upper Tombigbee. The Cahaba River at Centreville also went above flood stage on the 31st. Damage from floods this month was slight.

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages-mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred about \$250,000 per year to reven 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Pervious to the introduction of this bulletin series, data from Hydroclimatic between seven presented in bulletins (Hydroclimatic Hydroclimatic Hydro In addition to the climatological data from some 6,000 Weather Bureau and coope- Previous to the introduction of this bulletin series, data from Hydroclimatic

Previous to the introduction of this bulletin series, data from !!ydroclimatic Network stations were presented in bulletins (!Hydroclogic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25. D.C.

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

ALABAMA MARCH 1949

	Sea lev	el pressur	e extremes—in	ches		Wind spe	ed-m.ph		Relativ	e humidity	averages-	percent	Sunshine	
D	Highest	Date	Lowest	Date	Average	Махишиш	Direction of maximum	Date of meximum	1:30 a. E.S.T.	730 a E S T	130 p. E S T	730 p. E S T	Percent of possible	Degree days
PORT	30,46	20	29.64	10	7.8	37	S	21	~	-		-	-	388
RPORT	30,44	20	29,60	9	10.8	40	SE	21	76	8.3	55	5.5	51	368
	30,38†	19	29.78†	9	12.1	65	SE	30	-	-		~	5.5	198
Y	30,42†	20	29.70†	10	7.3	24	W	10	-	-	-	-	60	269
	1			¢.			1							

COMPARATIVE DATA

	1	emperatur	е	Precip	itation		-	Temperatu	re	Precip	itation			Temperatur	e	Precip	oitation
Year	Average	Highest	Lowest	Average	No. of days .01 or more	Year	Average	Highest	Lowest	Average	No. of days	Year	Average	Highest	Lowest	Average	No. of days
1884 1885 1886 1887 1888	58.6 50.0 53.0 55.2 53.3	84 82 89 80 83	26 14 18 19	8.85 3.37 9.59 1.99 9.63	11 9 10 4 9	1909 1910 1911 1912 1913	56.6 61.5 58.4 53.2 56.0	89 93 90 85 86	25 19 20 18 19	8.88 1.21 2.41 9.71 9.74	11 3 6 11 10	1934 1935 1936 1937 1938	54.9 62.1 59.9 53.5 63.7	83 90 90 90 85	14 19 27 20 23	6.12 7.27 3.63 4.54 6.35	7 9 7 8 8
1889 1890 1891 1892 1893	54.1 53.5 53.1 51.8 54.2	85 84 85 87 84	20 10 20 11 13	3.31 5.05 8.42 6.11 3.50	5 9 10 8 7	1914 1915 1916 1917 1918	51.0 47.3 54.8 57.4 62.4	87 80 94 89	11 20 18 14 26	3.51 3.21 2.99 9.35 0.81	8 7 5 12 13 3	1939 1940 1941 1942 1943	59.4 55.4 50.7 55.5 54.6	89 86 87 85 86	16 21 15 22 7	5.15 5.25 4.60 7.28 9.87	8 10 9 12 12
1894 1895 1896 1897 1898	59.1 55.0 53.0 60.7 59.5	88 89 92 89	15 20 20 22 23	4.78 7.55 5.16 9.53 3.23	8 10 8 12 7	1919 1920 1921 1922 1923	56.7 52.6 64.0 56.2 55.0	83 86 89 85 89	21 10 27 23 16	7.23 7.27 4.90 10.12 6.36	6 10 9 11 11	1944 1945 1946 1947 1948	57.7 65.0 61.4 50.2 59.8	86 89 92 87 89	22 27 25 14	10.77 4.89 7.98 7.13 9.58	11 8 8 10 12
1899 1900 1901 1902 1903	55.7 53.1 53.5 55.3 59.7	91 87 84 82 85	4 17 11 17 26	6.57 5.75 6.28 8.78 5.77	10 8 7 12 13	1924 1925 1926 1927 1928	51.4 58.4 50.0 57.0 56.2	87 90 85 89	19 13 13 19 22	3.32 2.97 6.52 4.86 6.24	8 6 8 9 11	1949 Period	54.8	90	17	6.16	
1904 1905 1906 1907 1908	58.7 60.0 52.0 65.0 62.7	89 90 85 93 92	23 26 20 29 25	3.51 3.82 9.20 2.92 4.77	8 7 10 4 7	1929 1930 1931 1932 1933	59.6 52.4 50.0 51.9 55.9	93 81 78 89 87	20 19 22 12 24	15.35 5.64 3.86 4.27 6.87	10 10 9 7	1					

Table 2	i			Tempera	hire								Precipitati	on				H 1949
				Тешрега	1010		No. o	f days					1	v, Sleet, H	ail	N	o. of day	
Station	Average	Departure from normal	Highest	Date	Lowest	Date	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground	Date	.01 or more	.25 or more	1.00 or more
NORTHERN DIVISION	0			+				+	-		-	,	+	+	1			
ALBERTVILLE 1 MILE S ANNISTON ANNISTON WB AIRPORT BIRMINGHAM WB AIRPORT BIRMINGHAM WB CITY	50.9M 54.9 53.0 53.8 53.5	0.0 0.0 - 1.9	85 84 83 81	26 26 26 27	25 23 26 25	16 16 1+ 1		6 10 8 5	6.57 5.80 7.98 7.85	0.93 2.28 2.15	2.11 1.87 1.44 1.45	9 9 27 31				12 11 11 14	7 7 11 9	2 2 2 3
CORDOVA DECATUR FAYETTE GADSDEN GOODWATER	52.9 51.0 51.5M 50.2 52.4	- 2.9 - 2.1 - 3.4 - 3.0	82 82 83 84 83	27 25+ 27 27 26+	22 24 23 20 26	16 16 16 16 1+		10 9 13 14 10	7.11 5.35 6.88 4.77 5.48	1.41 - 0.27 0.70 - 1.50 - 0.17	1.24 1.38 1.13 1.22 1.28	22 25 22 28 31	T			9 10 10 10 10	8 7 8 6 7	5 2 3 2 2
HALEYVILLE HUNTSVILLE LOCK NO 4 MADISON MUSCLE SHOALS	50.2 51.4 50.8 51.9 52.2	- - 4.0 - 1.0	79 81 82 83 80	27 26 27 25 26	23 21 23 19 23	1+ 16 16 16		10 11 14 13 9	6.96 6.12 5.36 6.15 4.22	0.36 - 0.67 0.42 - 1.49	1.73 1.68 1.46 1.45 1.33	31 27 10 25 27	т			8 13 11 11 11	7 6 5 6 6	3 3 2 3 1
ONEONTA ROCK MILLS SAINT BERNARD SCOTTSBORO TALLADEGA	50.1 52.1 49.8 53.7 54.1	- 3.1 - 2.5 1.1 - 1.6	83 85 80 82 84	27 27 27 24+ 26	23 24 22 21 23	16+ 16 16 16 16		13 12 12 10 8	6.21 3.71 6.71 5.57	0.20 - 2.00 0.74 - 0.24	1.38 0.84 1.60 1.70 1.59	31 10 25 25 9				9 11 11 11	8 5 7 5	2 2 3
TUSCALOOSA AIRPORT UNIVERSITY VALLEY HEAD	55.8 56.1 49.0	0.2 0.5 - 1.7	84 82 82	26 24+ 27	27 28 17	1 16		9 5 16	7.67 8.76 5.67	1.78 2.86 0.02	1.93 2.03 1.25	27 30 25				11 11 7	8 9 7	3 4 2
DIVISION	52.2	1							6.34		1		1]			
MIDDLE DIVISION					[1		!
ALEXANDER CITY 6 MILES NE AUBURN CENTREVILLE CLANTON DAYTON	52.4 53.5 55.4M 52.8 56.0	- 2.9 - 0.7 - 2.9	84 82 83 83 84	27 27 27 27 27 28	25 26 27 29	16 1 1+ 19		11 8 10 3	4.93 4.62 7.10 5.64 6.53	- 1.23 0.97 - 0.20	0.90 1.24 2.64 1.37 2.51	31 31 31 31 22				10 11 9 10 10	8 7 6 6 4	1 3 3 3
EUFAULA GREENSBORO HIGHLAND HOME LA FAYETTE LIVINGSTON	57.1 55.3 56.0 55.2 57.0	- 0.3 - 1.3 - 3.2 - 0.7	90 83 85 86 84	27 27 27 26 25	30 28 30 25 29	4+ 1+ 1+ 1+ 16	1	7 5 5 7	5.02 7.82 5.45 3.86 9.51	- 0.38 2.15 - 0.47 4.27	1.04 2.61 - 0.93 1.81	15 31 31 27				11 10 9 9	6 5 6 7	1 4
MAXWELL FIELD MONTGOMERY WE AIRPORT MONTGOMERY WE CITY PRATTVILLE SELMA	57.4 57.1 57.8 54.7M 55.7	- 0.0 - 2.9 - 2.9	85 86 85 85 85	26 26 26 27 27	31 30 31 31 31	1 1 1+ 1+		2 3 2 4 3	4.92 4.98 4.56 5.38 5.72	- - 1.43 - 0.32 0.30	0.94 0.90 0.89 1.40 1.27	31 31 31 22 22	T			12 11 11 10 10	8 8 7 7 6	2 3
THOMASVILLE TROY TUSKEGEE UNION SPRINGS WETUMPKA	58.0 57.1 56.8 55.9M 54.9	- 0.1 - 1.7 - 1.0 - 1.8 - 3.0	83 85 86 84	25 27+ 26 27	30 30 30 29 30	1 1+ 17 1+ 1+		3 4 2 3 5	7.86 5.81 2.98 5.68 4.81	2.29 - 0.17 - 2.43 - 0.36 - 1.05	2.52 2.44 0.90 1.72 1.31	31 31 22 15 31				10 10 6 13 11	9 5 5 7	3 2 2
DIVISION	55.8	1			1	1			5.66									
SOUTHERN DIVISION	,					1	,											
ANDALUSIA ATMORE STATE FARM BAY MINETTE BREWTON 3 MILES SSE CITROWELLE DOTHAN CAA AIRPORT	58.7 59.3 59.1 57.6 60.0 56.2	- 1.0 - 0.6 - 0.9	85 83 82 86 81 86	25 25+ 25 26 22+ 26	31 33 33 30 33 29	19 19+ 19 3+ 19		8 8	4.88 8.46 10.79 6.93 8.74 3,86	5.17 1.89 2.50 - 1.29	1.12 3.62 5.80 2.71 4.00 1.27	22 22 22 22 22 22 31				9 10 12 12 8	7 6 7 6 6	1 3 1 3 1
EVERGREEN FAIRHOPE FORT MONGAN FRISCO CITY GENEVA	57.4 60.0 61.0 57.9 59.1	- 0.7 - 0.1 - - -	85 83 82 82 88	28 25 27 26+ 25	30 32 36 31 31	19 19 19 19 3+		2 1 2 5	7.49 6.68 9.74 6.58 3.59	1.80 1.91 - 1.44 - 2.12	3.30 1.93 2.79 2.77 1.03	22 22 29 22 7				8 11 12 11 10	7 7 9 7 5	2 3 3 1
LOCKHART MOBILE WE AIRPORT MOBILE WE CITY OZARK ROBERTSDALE 7 MILES E	58.7 59.5 60.1 59.5 59.6	- 0.4 - 0.5	84 81 81 87 81	26 25 25 26 26	32 32 35 30 29	1+ 19 19 1		2 1 3 3	5.76 7.76 5.33 3.67 7.08	- 0.65 - 1.67 1.96	1.20 1.55 1.00 1.20 2.05	31 21 13 15 22				10 14 12 12 11	7 9 6 4 8	3 3 1 1 2
SPRING HILL	58.0	- 3.1	81	24	32	19		1	7.55	1.69	2.52	22	T			10	8	3
DIVISION	58.9				l F			1	6.76	0.08								
STATE	54.8	- 1.3						1	0.10	0.08			1					

		2	

Table 3	-						-			-					Day	of Ma	onth														MINING	1949
Station	1	2	3	14	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
ABBEVILLE ADDISOF ADDISON CENTRAL TOWER ALABAMA STATE FARM ALBERTA					.03	.07	. 16	.01	.56			.08	.11	.03	. 35		.01	.35 .29 .25 .50			. 69	.24 .11 1.08 .60 1.57			2.58 1.87 1.30		.14 1.24 * 1.17	.46 .34 1.20	. 05	1.17	1.73 .03 .95 1.40 1.35	4.67 7.20 6.01 5.67 5.47
ALRERTVILLE 1 MI S ALEXANDER CTY 6 MI NE ALICEVILLE ANDALUSIA ANNISTON		Т				.25	.43		2.11	.70 .58 .52 .69			.14	. 42	. 11			.25			.07	.83 1.73 1.12 .19			.70		1.54	.85 .87 1.73 .94	. 05		1.03 .90 2.00 .20	4.93 7.11 4.88 6.57
ANNISTON WB AIRPORT ARLEY ASHLAND // F ASHLAND ATHENS	t					.31 .79 .08	.20		1.87	1.05			.17 1.25 .28			т		.37 .18 .38 .15			.04	.17 1.03 .52 .90			.29 1.26 1.00 1.37	T .03	. 73	1.30			.82 1.04 1.29 1.15 1.90	5.80 8.01 5.91 5.97 6.68
ATMORE STATE FARM 2 AUBURN AUBURN SCS 10 B AUTAUGAVILLE BARTON		T				.40 .41 .50	.11		.49	.52 .45 .66			.51	2.11	.38			.21 .17 .13				3.62 .35 .93 1.89 .45	. 59		1.20		2.10	1.14 .66 .70 .94	.10		T 1.24 1.16 .96 .60	8.46 4.62 4.42 5.76 6.67
BAY MINETTE BEATRICE BELGREEN B BERRY B BEXAR 2 MI SE		.09			.02	.06 .73 .09	. 65	.02	.29 .43 .84 .49				.01 .41 .16	. 60 . 78	.15		.22	.22 .07 .17 .13			.79 .83 .97	5,80 4.03 .45 .21 .10		.60 1.05	1.12	1.00	. 22 . 56 1.03 . 69	.14 .61 .41	. 42		1.51 2.18 .03 .05	10.79 8.40 5.44 6.67 7.51
BIRMINGHAM WB APT Z BIRMINGHAM WB CITY BISHOP BOAZ BRANTLY					T	.73 .45	.03		.15	1,33	.03		.39		T		T	.38 .33 .85 .40			.63	.68 1.29 .55 .50 .89	.06	Т	.65 .94 1.32 .92	.01	3,00	.31 .88 .10 1.12 .85	.07		.59 1.45 .43 1.27 1.33	7.00 6.05
BREWTON 3 MI SSE BRIDGEPORT 2 MI W BRUNDIDGE CAMPBELL CARBON HILL	-	-	.03	-	-	.50	.36	_	. 55	.15 .05 .61	-	_	.06	.14	.75 1.88	_	_	.64 1.00 T	.11		.15	2.71	.13		1.69	.02	.96 .76	.83 .18 .17	.76	1.48		
CENTER GROVE CENTER STAR CENTREVILLE CHILDERSBURG CITROWELLE	T	.06				.22 .10 .93	.47		.45	.19 .64 .85	Т		.17 T	.06				.42 .70 .37 .15				.72 .67 1.35 .64 4.00	T		1.12 .84 T	T .01	.53 1.38 T	.98 .20 1.24 1.21	.02		1.41 .63 2.64 1.16 .25	6.10 5.06 7.10 5.98 8.74
CLANTON CLAYTON COFFEE SPRINGS COLLINSVILLE COLUMBIA							.65 1.00 1.40			.69 .55			T .30	.08 T .43	.14 1.10 .58		Т	.26 .20	.45			1.02 .20	.15		. 85	. 16	.50	1.26 .16 .90 .80	.12 .45 .05 .63	.08		5.64 5.16 3.84 4.93 3.08
CORDOVA CUBA DADEVILLE DADEVILLE NO 2 R DANCY						.31 .07 .25 .60	.11		.90	.67 .74 .88			.40	.31	.23 .19 .01			.15 .15 .17			.08	1.24 1.94 .38 .47 1.18	.18		1.12	.11	1.15 1.10 *	1.03 1.15 .56 .66 .52	.10	.10	1.04 2.95 1.15 1.07	4.46
DANVILLE DAYTON DECATUR DECATUR NO 4 DECATUR SUBSTATION						.16	.15			.34 .96 .40 .43			.07	.04	.24		T .02	.48 .24 .48 .63				.61 2.51 .58 .65			1.47 1.38 1.45 1.16	т	. 62 . 48 . 63	.64 1.11 .66 .70	.07	.10	1.02 1.02 1.18 1.03	5.25 6.53 5.35 5.63 4.73
DEMOPOLIS DOTHAN CAA AIRPORT Z ELBA ELROD EUFAULA		т				.05	.18		. 45	.57 .44 .25 .67			,13	.67 .45	.20 1.10 1.04			.28 .18 .38 .40	.34		т	2.25 .25 .98 1.45	.17		T .65		.01 T	1.30 .62 .63	.08	T	2.44 1.27 .51 2.40	7.36 3.86 5.92 8.40 5.02
EUTAW LOCK NO 7 Z EVERGREEN FAIRHOPE PALKVILLE PARLEY		.11				.13 T	.15			.82 .44 .08 .38			1.02	.73 .61	.02			.22 .16 .47 .40				2.12 3.30 1.93 .58 .39			1.60		.50 .20 .54 .76	.94 1.20 .30 1.04 .69	T	.27 1.37	3.10 .51 .68	8.13 7.49 6.68 5.32 5.18
FAYETTE RELATED REPORT LOCK PLORENCE AT LOCK PORT DEPOSIT FORT MORGAN // R		.10				.64	1.83	.02	.30	.80 .22 .45 .91			.41	.04	.79			.23 .28 .57 .37				1.13 .20 .51 2.05 2.47	.08		1.02	.08	.69 1.18 1.38	.71	.11	.86	.77 .34 .55 .62	6.88 5.41 4.68 7.52 9.74
FORT PAYNE Z FRISCO CITY GADSDEN GAINESVILLE GARDEN CITY Z						.03	.54 T			.55 .73 .64			.18	.03 .82 .01	.60 T			.56 .17 .23 .28				.51 2.77 .56 1.76 1.15	T		.31	.04 .34 T	1.17	.95 .72 1.22 1.20 1.60	.03 .13 .02	.29	1.34 .43 1.14 2.80 .69	6.58
GENEVA GOODWATER GORGAS GREENSBORO GREENVILLE			.02			.67	1.03 .36 .10 .15		.10	.44 .78 .56 1.29	.02		T .02		.83 T		.06	.23 .21				.14 .69 1.41 1.94	.07		.54	T .33	.80	.31 1.09 1.31 1.07 .84	.41 .07 .07 .54		1.28	3.59 5.48 7.99 7.82 6.08
GREENVILLE NO 2 GULF SHORES 2 MI SSE GUNTERSVILLE REC GUNTERSVILLE DAM HALEYVILLE Z						.28			.48	.07			.03	.95			.09	.50	٠		*	1.10	.01		1.78 1.60 1.72	.04	.50 1.74 .20	.91	4.00	.44	1.73	11.38 6.08 5.16 6.96
HARRISBURG 6 MI SE HAYNEVILLE HELPNY HIGHLAND HOME BIGHTOWER						.25	.05			.61 1.05 .38 2.25 .38			.22	.06	.05			. 59 T . 40 . 20				1.50 1.63 1.45			.08	т		.38 1.08 .92 1.48 .72	.10 T		3.63 1.90 1.28 1.85 1.64	6.04 5.63 8.91 5.45
HODGE HOUTS HUNTSVILLE SUBSTA BUNTSVILLE HYTOP JACKSON SHOALS						15	. 27		.46	.63 .59 .02	Т		.02	.01	.01		.08	.91 .39 .42 .90			.35	.94 .50 .04		T	.41 1.60 1.57 2.00	.03	.49 1.68 .55	1.35		1.30	.88 1.45 .10	6.12
JACKSON SHOALS JACKSONVILLE R JORDAN DAM LA PAYETTE LAY DAM LKEDS Z LKEDS						.13	.54 .75		1.61	.52 .52 .73			.14	.08	.03			.40 .03 .21 .20 .32			.08	. 23 . 87 . 63 . 71	.30		.10		.04	.34 .61 .54 1.34	.02	.37	.93	5.29 4.68 3.86 5.05
LEESBURG LIVINGSTON LOCKHART LOCK NO 1 // Z LOCK NO 2			.02			.09	.05		.88	.69 .12 .45				.05	.58			.64 .22 1.00 .02			.10	.70 1.78 .60 3.25 2.65	Т		.61	.05	1.81 T	1.26 1.45 .58 .83	.12	1.15	1.60 1.60 1.20 2.83	5.81 9.51 5.76
LOCK NO 3 LOCK NO 4 LOCK NO 17 MADISON MAGRILLA						.16 .03 .46	.18		.67	.48 1.46 .69			.13 .29 .06	.08	.22		.02	.15 .24 .48 .62				2.45 .73 1.36 .74			.78	.37		.91 .93 1.34	.03	.02	1.32 1.08 1.68 1.23	5.92 5.36 8.08
MAGNOLIA R MARION 1 MILE SSE Z MARION JUNCTION MARTIN DAM MAXWELL PIELD						.14 .25 .15 .03	.19		.58	.64 .70			.03	.55	.24			.12 .46 .24 .08	.20		1.21	1.19	. 28			.06	1.28	.16	.08	.99	.75 1.87 .90 1.10	7.05

Table 3-Continued	ī		-													Day	of Mo	onth															7
Station	-	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
MELVIN MERTZ 3 MILES E MIDWAY MILLERS FERRY MILSTEAD			т				.05	.14		1.85	.72			,06	.60 .66	.50			.10 .30 .09 .24			.41	2.59 1.70 1.62	. 09			.10		1.15 1.05 .80 1.28 .56	.03	.16	2.60 2.40 .68 2.00 1.05	8.43 7.95 3.78 6.49 4.25
MITCHELL DAM MOBILE WB AIRPORT	z	T	.09 .07				.12 .36 .12	.68		.36	.82			1.02 1.00 T	.05	.15 T		Т	.26 .19 .25 .75			1.55	.90 .83 .50 .45		.03	.01	т	.66 .16 .75	1.08 T .05 .95 .42	.12 .55 .96 .05	.09	1.65	5.87 7.76 5.33 7.47 4.98
	Z R	-	T T	-	-	-	.61	-	-	.58	.07	-	-	.02	.49 T	-		.04	.13 .30 T .22 .43			.40 .13 .35	.75 .60 .13 .25		т	1.40 .96	.07	.23 1.18 1.33	.44 .13 .47	.02	T 1.25 .43	1.19	4.56 5.38 4.22 5.61
NEW MARKET NEWTON ONEONTA ORRYLLLE OZARK								.32			.74 .14 .75 1.38 .43			.03	.11	.52 .38 1.20			.95 .42 .20 .22	. 19			.75 1.18 .14	,08		.55	Т	.73	.72 1.20 1.01 .49	T .06 .40 .06 .40	.08		6.66 2.13 6.21 5.26 3.67
PAINT ROCK PALMERDALE PERRYVILLE PETERMAN PICKENSVILLE	R						.15 .19 .21	.32		.65	1.48			. 04	.82	.18			.40			.09	.20 1.20 2.17 .95 1.61			1.50		.06	.16 1.60 1.17 .43 1.68		.97	1.40 1.31 .70 1.60	5.82 6.98 6.17 4.06 7.93
PINE LEVEL 1 PLANTERSVILLE PLEASANT HILL 1 PRATTVILLE PRIMROSE FARM	R						.28	1.20 .44 .60		.54	.40 .66 .23 .59				.41	1.05 .25 .08 .36 .48			.35 .28 .16	,10			.89 1.25 1.39 1.40 1.07	.04				*	.72 1.20 .38 .91 .74	. 15	.08	1.08	5.63 5.29 4.48 5.38 4.43
PUSHMATAHA RED BAY REFORM RIVER FALLS ROBERTSDALE 7 MI E		.01	.14				.18 T	. 49	_	T	.55 .41 .67			.08	.42	.91			.17 .18 .32 T	.56			2.57 .90 1.44 .70 2.05	.61	-	1.40 .66	-	1,55 ,78	.09 .90 .72	. 23	.41	.62 1.38 T	5.29 6.46 5.20 7.08
ROCK MILLS SAINT BERNARD SAND MYN STA FRM APT SAYRE SCOTTSBORO							.15	. 35		.43	.84 .60 .29 .36			.16	.05	.20		.02	.03 .45 .37 .13				.14 .92 .48 1.29	. 53		1.60 .85 1.04 1.70	.19	.97 1.09 1.31 1.20	.28 .60 .43 .71	.02		.75 1.26 1.80 1.35 1.30	3.71 6.71 5.98 7.15 5.57
SCOTTSBORO SUBSTA SELMA SHEFFIELD TVA NRSY SHOEMAKER SPRINGS SLOCOME							Т	. 54		. 46	.17 .79 .09 .56			T T	.05	.02			.43 .20 .66 .84				.18 1.27 .52 .67	.19		.99	.30	.64 1.33 1.35	.87 1.26 .14 .33 .91	.04	.12	1.58 1.03 .47 .92	5.71 5.72 4.69 5.83 2.54
SMITHSONIA SNOW HILL SOUTH HILL SPRING HILL SWAIM			. 03	. 07			,02	.11		. 20	.81 .51 .15 .32 .55			.08	*	. 62			.70 .35 .62				.43 2.40 .24 2.52 .48			1.18 1.21 1.98		2.70 1.35 .74	.84 .54 .44			.64 2.13 1.29 1.42 .99	6.54 6.99 5.80 7.55 6.80
SYLACAUGA SYLVANIA TALLADEGA TALLADEGA HRN MT TR THOMASVILLE			т				1.00	.37		1.59 .27	1,18			.05	.17 T	.13			.13 .56 .21 .08				.72 .41 .44 1.82			1.17 .04 T		.58 1.28 .83	1.50 .95 .43 .46 1.20	.08	.86	1.03 1.37 .68 2.52	6,19 5,71 - 4,60 7,86
THURLOW DAM TIBBIE	R R Z						.05	.48		. 78	.77			,15	.10 .07 2.10	.37		.60	.30 1.01 .50 .25	.27		. 59	.36 .46 2.00 .20 1.13	.37	.02	1.17	.17	.78 1.50 .45	.32 .29 .95	.21	.28 .90 1.90		5.67 6.24 7.38 6.99 6.28
TROY TUSCALOOSA AIRPORT TUSCALOOSA LCK DAM TUSKEGEE UNION SPRINGS	Z						.62	. 23		.99	1,33 .50 .58			.04	.02 .48	1.14 .10 1.72		.01	.21 .20 .17			1.09	.46 .26 1.44 .90 .29	.02	T	.44	T .06	1,93	.70 .34 1.53 .70 .75	.04	.30	2.33	5.81 7.68 8.81 2.98 5.68
UNIONTOWN UNIVERSITY VALLEY HEAD VANCE VERNON	R						.70 .61 .77	,40		1.50	.56 .86 1.96			.07	.04	т			.15 .60 .64 .25			1.00	2.30 .35 .41 1.60 .30		.01	.43 1.25 .20 1.24	. 49	1.78	1.18 .28 .86 1.64 .30	.05	.04 2.03	1.14	6.14 8.76 5.67 8.85 7.66
WADLEY WALLACE WALNUT GROVE WEST BLOCTON WETUMPKA		Т	т				.69	.02			.70 .04 .52 1.12 .57				.20 .84	.80			,32				.20 3,00 .50 1.74 .83	.15		.78		.50	.20 .78 1.75 .90 .66	.08		1.70 1.63 1.31	
WHATLEY WHEELER DAM WILSON DAW WINFIELD 2 MILES SW YATES HYDRO PLANT							.03	.62		.20	.57 .46 .42 .65			.02	.78 T	.30			.28 .88 .68 .23 .03	, 20			2.17 .60 .57 1.39 .43	.14		.97 .90 2.05	.12	1.62 1.40 .74	.74 .25 .05 .86 .31	.04		2.40 1.47 .63 1.81 2.19	8.68 6.64 4.85 8.57 5.74
YOUNGS STORE											1.12								1,53				.45			1.00		*	2.50			.58	7.18

					A.I	M. Hou	ır əndi	ing							4.00.0		P. 1	M. Hou	ır endi	ng			-	Ī	
Station	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
										- 1		-ls		d.				1			-			,	
MPBKLL W BROCKTON	-	-	-		-	-	-	-	-	_	-	- 12	-	-	- '	-	-	-	-	-	-	-	-	-	
ER FALLS 2 MILES NE	-	-	~	-	-	-	-	-	-	-	-	-2c	-		-	-	-	-	-	-	-	-	-	•	
T MORGAN //									. 03	. 02	.01	20				.01	.03								
ILE WB AIRPORT 6	1							.01	.01	.01	.03	•	.09												
												-5t]	h-												
ISON RY AR 2 MILES SE															1			.01		.01			.01	.01	
K NO 1 // FFORD								-	-	-	-	-		-	-	-	-	- 1	-	.01	+	-	-	.01	
												-6t			!										
EVILLE ISON ISTON WB AIRPORT 6							.03	.01	.01				.01	.04	.01	.01		1							
LAND // ORE STATE PARM					.02	.18	.12	.14		.04			.20		.10		.15	.01							
URN SCS 10 GREEN RY		.02	. 36	.12	.06	. 12	, 05	.10	.14	.03		.06													
AR 2 MILES SE MINGRAM WB AIRPORT				.01	.04	.02	. 22	.01	.01																
Z EVILLE NO 2 HAN CAA AIRPORT				.01	.10	.01	.10	.28	.12		.01		. 02	. 15	.12	.01		. 75				.01		.01]
AW LOCK NO 7 I MORGAN // DEN CITY	.01	.02	.01	.06	.01	.08	.01	.01	1	.07	.04	.01								.01	.10		. 01		
ENVILLE NO 2			.01		.02	.01										. 26		.02							
ESONVILLE DAM NOLIA						.01	.01	.07	.02	.01	.01	.03	.01	.11	. 02	.01	. 28	. 05							
ION 1 MILE SSE						.22	.03	.03	.07	. 36	.02	.08	.03	.05	.02										
ILE WB AIRPORT 6 ILE WB CITY PGOMERY WB AIRPORT 6									*				. 72			.05		.05	. 25	.02	•		•	*	
TGOMERY WE CITY CLE SHOALS 6 ERMAN		٠	٠			*	.09	.19	. 26	.02	.02	.01	.02			.13	.07	.01							
RSBY 1 MILE SW FFORD				.01	.03	.01	.13	.03	.57	.01	.16	.02;	.01	.01		.01	.07	.01							1
Y CALOOSA AIRPORT 6 VERSITY		.07		*	* .30	* .06	.23	.16	.02	,02	*	.19	. 38	*		*	٠	*	.01						
NON		.11	.05	. 28	.01	.08	. 24		,			-7t]	-												
K NO 1 ILE WB AIRPORT 6	.11	-	-	-	-	_			,			70	1-												
	, , , ,											-8t]	n-												
																				.01				.01	
AR 2 MILES SE																									
AR 2 MILES SE									:			-9t]	n-							.02					
R 2 MILES SE F ROCK SVILLE SON				.01			.01		:	. 22	.01	.01			.24	.01	.01	.01		.15	. 05		.01	. 35	
R 2 MILES SE T ROCK EVILLE SON STON WB AIRPORT 6				.01			.01			.22	.01		n—	٠	.24	.01	.01	.60			٠	* .01	.01	.35	
R 2 MILES SE F ROCK EVILLE SON STON WB AIRPORT 6 AND // DRE STATE PARM TRN SCS 10 FREEN				.01			.01	٠	.29	.02	.01	.01	.01	.02	.02	.31	.01		1.63 .25	.15	.11	.01	.01	٠	
R 2 MILES SE F ROCK EVILLE SON STON WB AIRPORT 6 AND // DRE STATE PARM FRN SCS 10 FREEN FREEN FRY FRY FRY FRY FRY FRY FRY FRY FRY FRY				.01			.01	.01		•	.01	.01	.01		*	0		.60	. 25	.15	.11		.01	٠	1
R 2 MILES SE ROCK VILLE SON STON WB AIRPORT 6 AND // NE STATE FARM RN SCS 10 REEN REEN RE 2 MILES SE HINGEAM WB AIRPORT VILLE NO 2				.01				.01	. 29	.02	.01	.01	.01	.02	.02	.31	.18	.60	. 25	.15 * .09 .10	.11 .06 .01 .01	.01	*	.01	1
R 2 MILES SE T ROCK EVILLE SON STON WB AIRPORT 6 AND // SORE STATE PARM SORE STATE PARM SORE STATE PARM FORE				.01				.01	. 29	.02	.01 * .01 .13 .01 .02	.01	.01 .01 .01 .01	.02	.02 .31 .01 .08 .01	.31 .03 .01 .60 .08	.18	.60	.25 .39 .08 .11	.15 * .09 .10 .05	.11 .06 .01	.01	.01	.01	1
R 2 MILES SE T ROCK EVILLE SON STON WB AIRPORT 6 AND // SORE STATE PARM FRN SCS 10 FREEN				.01				.01	. 29	.02	.01	.01	.01	.02	.02 .31 .01 .08	.31 .03 .01 .60	.18	.60 .38	.25 .39 .08 .11 .50	.15 * .09 .10	.11 .06 .01 .01	.01	*	.01	1
R 2 MILES SE ROCK WILLE SON SON STON WB AIRPORT 6 AND // SESTON WB AIRPORT 6 AND // SEE STATE FARM FOR SCS 10 REEN FOR SCS				.01					.29	.02	.01 * .01 .13 .01 .02 .12	.01 * .01 .01 .01 .11 .02 .28 .11 .02	.01 .01 .01 .02	.02	.02 .31 .01 .08 .01	.31 .03 .01 .60 .08	.18 .09 .06 .24 .06 .02	.60 .38 .21 .10 .30 .02 .15 .37	.25 .39 .08 .11 .50	.15 * .09 .10 .05 .04 .08 .01 .01	.11 .06 .01 .01	.01	*	.01	1
R 2 MILES SE F ROCK EVILLE SON STON WE AIRPORT 6 AND // DRN SCS 10 DRN SCS 10 REEN RY RY RY RY RY RY RY RY RY R				.01				.01	.29	.02 .14 .03	.01 * .01 .13 .01 .02 .12	.01 .01 .01 .11 .02	.01 .01 .01 .02	.02	.02 .31 .01 .08 .01	.03 .01 .60 .08	.18 .09 .06 .24	.60 .38	.25 .39 .08 .11 .50	.15 * .09 .10 .05 .04 .08 .01	.11 .06 .01 .01	.01	01	.01	1
R 2 MILES SE F ROCK EVILLE ISON ISTON WE AIRPORT 6 LAND				.01					.29	.02 .14 .03	.01 * .01 .13 .01 .02 .12	.01 .01 .01 .11 .02	.01 .01 .01 .02	.02	.02 .31 .01 .08 .01	.31 .03 .01 .60 .08 .50	.18 .09 .06 .24 .06 .02 .03	.60 .38 .21 .10 .30 .02 .15 .37 .03 .43 .11	.25 .39 .08 .11 .50 .08 .10 .07	.15 * .09 .10 .05 .04 .08 .01 .01	.11 .06 .01 .01	.01	01	.01	1
R 2 MILES SE F ROCK EVILLE ISON ISTON WE AIRPORT 6 LAND // DEE STATE FARM URN SCS 10 EREEN RY RY RY RY RY RY RY RY RY RY RY RY RY				.01					.29	.02 .14 .03	.01 * .01 .13 .01 .02 .12	.01 .01 .01 .11 .02	.01 .01 .01 .02	.02	.02 .31 .01 .08 .01	.31 .03 .01 .60 .08 .50	.01 .18 .09 .06 .24 .06 .02 .03 .61 .46 .42	.60! .38	.25 .39 .08 .11 .50 .08 .10 .07	.15 * .09 .10 .05 .04 .08 .01 .01	.11 .06 .01 .01 .06 .01	.01	01	.01	1
RY 2 MILES SE FYOLLE ISON ISTON WE AIRPORT 6 LAND // ORE STATE FARM ORE STATE FARM ORE SCEEN RY RY RY RY RY RY RY RY RY R				.01					.29	.02 .14 .03	.01 * .01 .13 .01 .02 .12	.01 .01 .01 .11 .02	.01 .01 .01 .02	.02	.02 .31 .01 .08 .01	*.31 .030160 .08 .50 .0209 .08 *.5608	.01 .18 .09 .06 .24 .06 .02 .03 .61 .46 .42 .02	.601 .38	.25 .39 .08 .11 .50 .08 .10 .07 .08 .01 .19	.15 *.09 .10 .05 .04 .08 .01 .01 .01 .01	.11 .06 .01 .01 .06 .01	.01	.06	.01	1
AR 2 MILES SE T ROCK EVILLE ISON ISTON WB AIRPORT 6 LAND // ORE STATE FARM URN SCS 10 GREEN RY AR 2 MILES SE MINGRAM WB AIRPORT Z EVILLE NO 2 EVILLE NO 2 EVILLE NO 2 EVILLE NO 2 EVILLE REC EVILLE REC EVILLE REC EVILLE REC EVILLE REC EVILLE REC EVILLE REC EVILLE REC EVILLE REC EVILLE REC EVILLE REC EVILLE REC EVILLE REC EVILLE REC EVILLE TO 1 AN HOULA ION I MILE SSE MAY ILE WB AIRPORT 6 ILE WB AIRPORT 6 ICOMERY WB AIRPORT 6 ICOMERY WB AIRPORT 6 ICOMERY WB CITY ICOMERY WB CITY ICOMERY WB CITY ICOMERY WB CITY ICOMERY WB CITY ICOMERY WB CITY ICOMERY WB CITY ICOMERY WB CITY ICOMERY WB CITY ICOMERY WB CITY ICOMERY WB CITY ICOMERY WB CITY ICOMERY WB CITY ICOMERS WB CITY				.01					.29	.02 .14 .03 .04 .05 .20 .01 -	.01 .01 .01 .02 .12 .10 .18 *	.01 .01 .01 .11 .02	.01 .01 .01 .02	.02	.02 .31 .01 .08 .01	*.31 .03 .01 .08 .50 .02 .09 .08 *.56 .08	.01 .18 .09 .06 .24 .06 .02 .03 .61 .46 .42	.60! .38 .21 .10 .30 .02 .15 .37	.25 .39 .08 .11 .50 .08 .10 .07 .08 .01 .19	.15 *.09 .10 .05 .04 .08 .01 .01 .01 .01	.11 .06 .01 .01 .06 .01	.01	01 .06 .04	.01	1
AR 2 MILES SE T ROCK EVILLE 150N 15TON WE AIRPORT 6 LAND // ORE STATE FARM URN SCS 10 GREEN RY AR 2 MILES SE MINGHAM WE AIRPORT 7 7 EVILLE NO 2 RAN CAA AIRPORT AW LOCK NO 7 T ROCK T PAYNE ENVILLE NO 2 FERSVILLE NO 2 FERSVILLE REC EVVILLE ENVILLE REC EVVILLE DAN (K NO 1 // NOLIA NOLIA NOLIA TOOMERY WE AIRPORT 6 ILE WE CITY LIE WE CITY LIE WE CITY LIE WE CITY LIE WE CITY LIE WE CITY LIE WE CITY LIE WE CITY LIE WE CITY LIE WE CITY LIE WE CITY LTON CLE SHOALS 6 NT ROCK REMAN ASANT BILL			•	.01			.01	.01	.02 .11 .0209	.02 .14 .03 .04 .05 .20 .01 -	.01 .01 .13 .01 .02 .12	.01 • .01 .01 .11 .02 .28 .11 .02 .02 .03	.01 .01 .01 .01 .02 .02 .01 .01 .02 .03 .03	.02	.02 .31 .01 .08 .01	*.31 .03.01 .60 .08 .50 .02 .09 .08 * .5608	.01 .18 .09 .06 .24 .06 .02 .03 .61 .46 .42 .02	.60 .38 .21 .10 .30 .02 .15 .37 .43 .11 .08 .18 .26 .26	.25 .39 .08 .11 .50 .08 .10 .07 .08 .01 .19	.15 *.09 .10 .05 .04 .08 .01 .01 .01 .01	.11 .06 .01 .01 .06 .01	.01	.06	.01	1
AR 2 MILES SE EVILLE 1SON ISTON WB AIRPORT 6 LAND // ORE STATE FARM URN SCS 10 GREEN RY AR 2 MILES SE MINGHAM WB AIRPORT Z Z EVILLE NO 2 RAN CAA AIRPORT AN LOCK NO 7 I ROCK I PATNE BEN CITY DEN CITY DEN CITY DEN CITY ENSYILLE REC EVVILLE TSYILLE REC EVVILLE DAM K NO 1 // NOLIA NOLIA NOLIA ILE WB AIRPORT 6 ILE WB CITY LICOMERY WB CITY LTON CLE SHOALS 6 NT ROCK REMAN ASANT BILL RSSNY 1 MILE SW EV		•	٠	.01	.04		.01	.01	.02 .11 .0209	.02 .14 .03 .04 .05 .20 .01	.01 * .01 .13 .01 .02 .12 .10 .16 .18 *	.01 • .01 .01 .01 .11 .02 .28 .11 .02 .02 .03	.01 .01 .01 .02 .02 .02 .01 .02 .03 .03 .03	.02	* .02 .31 .01 .03 .02 .15 .01 * .27 .	*.31 .03 .01 .60 .08 .50 .02 .09 .08 * .5608 * .09	*.01 .18 .09 .06 .24 .06 .02 .03 *.6146 .42 *.02 *.01	.601 .38 .211 .100 .30 .02 .115 .37 .03 .43 .43 .26 .26	.25 .39 .08 .11 .50 .08 .10 .07 .08 .01 .19 .07 .36 .41 .28 .04	.15 *.09 .10 .05 .04 .08 .01 .01 .01 .02 .09	.11 .06 .01 .01 .06 .01	.01	01 .06 .04	.01 .04 .03 .01 .07	1
DISON ARR 2 MILES SE IT ROCK DISON MEVILLE DISON MEDISON ME				.01			.01	.01	.02 .02 .11 .09	.02 .14 .03	.01 .01 .01 .02 .12 .10 .18 *	.01 • .01 .01 .01 .01 .02 .28 .11 .02 .02 .0303 - •	.01 .01 .01 .01 .02 .02 .02 .03 .03 .04	.02	* .02 .31 .01 .08 .01 .03 .02 .15 .01 * .27 .	*.31 .03 .01 .60 .08 .50 .02 .09 .08 * .5608 * .09	*.01 .18 .09 .06 .24 .06 .02 .03 *.61 -46 .42 *.01 *.02	.60 .38 .21 .10 .30 .30 .30 .37 .37 .43 .11 .08 .26 .26 .26	.25 .39 .08 .11 .50 .08 .10 .07 .08 .01 .19 .07 .36 .41 .28 .01 .19 .04 .01 .04 .01 .04 .01 .04 .04 .04 .04 .04 .04 .04 .04 .04 .04	.15 *.09 .10 .05 .04 .08 .01 .01 .01 .02 .09	.11 .06 .01 .01 .06 .01	.01	01 .06 .04	.01 .04 .03 .01 .07	1

Table 4-Continued						пО	UK	LI	Pn	EC	(PI)	LAI	IOI	V											1949
Station					A. 1	М. Ноч	ır endi	ng									P. 1	M. Hou	r end	ing					3
Station	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
ABBEVILLE ANNISTON WB AIRPORT 6 ASHLAND // DOTHAN CAA AIRPORT FLAT ROCK FORT PAYNE GUNTERSVILLE REC HUNTSVILLE 6 LOCK NO 1 // MARION 1 MILE SSE MONTCOMERY WB AIRPORT 6 HOULTOW HUSCLE SHOALS 6 PAINT ROCK PLEASANT HILL	.02 .23 .01 .13 .18 .04 .05 .03 .03 .19	.01	*	.01	.02	.01	.01	.02	.02	.05	-	-10	h–	1			.03								.03 .02 .13 .22 .04 .07 .05 .03
ABBEVILLE ADDISON ANNISTON WB AIRPORT 6 ASHLAND // ATMORE STATE FARM AUBURN SCS 10 BELGREEN BERRY BERRY BEXAR 2 MILES SE BIRMINGHAM WB AIRPORT BOAZ DOTHAN CAA AIRFORT PORT MORGAN // FORT PAYNE GARDEN CITY				.01	.04	.05	.01	.01 * .01 .06 .02 .01 .12	* .19 .12 .05 .01 .03	.01 * .03 .47 .07	* .01 .24 .07	* .01 .18 .11 .07	.02 .17 .09 .08	.01	.06	.02	.01	.01	.01						.11 .12 .28 1.28 .51 .01 .41 .41 .39 .15 .22 .21 .01
GREENVILLE NO 2 HALEYVILLE HUNTSVILLE 6 JACKSONVILLE LAY DAM LOCK NO 1 // MIDWAY MOBILE WB AIRPORT 6 MOBILE WB CITY MONTGOMERY WB CITY MUNCOMERY WB CITY MUSCLE SHOALS 6 PAINT ROCK PETERMAN TRAPPORD TROY TROY VERNON UNIVERSITY VERNON	-	* - *	*	*	.07 * - * .02	.03 *	.04 .0104 .02 .15 .03	.09	.04	.01 .04 .22 .04 *	.01 .15 .01 * .15	.02	.01 .68 .38 .02 .15	.04 * .13	.01 * .01 .03	.01	* .01	.01	.33	*	*	*	*	•	.03 .10 .11 .05 05 1.00 .02 .04 .35 .23 .05
ABBEVILLE ADDISON ATMORE STATE PARM DADEVILLE NO 2 DOTHAN CAA AIRPORT EUTAW LOCK NO 7 FORT MORGAN // GREENVILLE NO 2 HUNN SVILLE 6 LOCK NO 1 // MAGNOLIA MIDWAY MOBILE WB AIRPORT 6 MOBILE WB CITY MORTGOMERY WB AIRPORT 6 MONTGOMERY WB CITY PETERMAN PLEASANT HILL THORSEY I MILE SW	.01	.01	.02 * .01	.01		.01	.03	.05 .08 .05 .05 .02 * .04 * .06	.05 .02 .04 .14 .04 .15	.06 .01 .11 .06 .51 .23 .02 * .09 *	.18 .08 .10 .02 .18 .16 .04 .08 *	-14 .15 .11 .07 .02 .22 .12 .04 .10 * .05 *	.14 .09 .06 .08 .16 .25 .05 .14 .40 .04 .21 .05	.14 .05 .05 .06 .09 * .07 .09 .11 * .06 .08	.03 .01 .03 .05 .01 .02 .10 * .04 .09 * .02 .02	.06 .01 .02 .05 .01 * .05 * .01 *	.05 .01 .05 .02 .05 * .03 .04 * .01 *	.05 .02 .04 .05 *	.01 .02 .01 .01 .01 .22 .25	.01 .04 .04	*	*	*	*	.98 .03 .62 .15 .65 .09 .95 1.30 .55 .66 .60
DADEVILLE NO 2 MONTCOMERY WE AIRPORT 6 NEW BROCKTON PLEASANT HILL	.02	-	-	.01	-	-		.01	.04	.09	.01	.15 -15 .01 -17	.04	.13	,16,	17	.08	.07	.01					0.1	.01
ADDISON BELGAREN BELGAREN BELAR 2 MILES SE GREENVILLE NO 2 GUNTERSVILLE FEC HUNTSVILLE 6 WOULTON MUSCLE SHOALS 6 TONEY TUSCALOOSA AIRPORT 6								.05	.04	*	*	*		* .04	*	* * *	* .	.03	.02	*	*	.01	.06 .01 .01 *	.01 .16 .05	.01 .22 .06 .09 .07 .04
ABBEVILLE ADDISON ANNISTON WB AIRPORT 6 ASHLAND // ATMORE STATE FARM AUBURN SCS 10 BELGREEN BEERRY BEXAR 2 MILES SE BIRMINGHAM WB AIRPORT BOAZ DADEVILLE NO 2 DOTHAN CAA AIRPORT EUTAW LOCK NO 7 FLAT ROCK FORT MORGAN //	.07	.21 * .13 .01 .02	.01	.02	.05 .01	.16	.05	.18	.14																.35 .29 .38 .15 .13 .07 .17 .13 .38 .39 .17 .32 .20 .28

					A. 1	M. Hou	ır əndi	ng									P. 1	M. Hot	ur endi	ng					-
Station	1	2	3	4 .	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
FORT PAYNE GARDEN CITY GUNTERSVILLE REC HALEYYILLE HUNTSVILLE 6 JACKSONVILLE LAY DAM MAGNOLIA MARION 1 MILE SSE MIDWAY MOBILE WE AIRPORT 6 MOBILE WE AIRPORT 6 MONTGOMERY WE AIRPORT 6 MONTGOMERY WE AIRPORT 6 MONTGOMERY WE CITY MONULTON MUSCLE SHOALS 6 NEW ERCCKTON PAINT ROCK PLEASANT HILL THORSBY 1 MILE SW TOOMY TRAFFORD TROY TUSCALOOSA AIRPORT 6 UNIVERSITY VERNON	.01 .14 .01	.07 .01 .06 .14 * .01	.07	.39 .01 .32 * .37 .19 .01 .38 * .03	.02 * .01 .09 * .01 .29	.03 * .01 * .08 * .13 .01 .10 .01	.42	.08 * .16 .17	*	*	*	4 *	.08												
ADDISON ANNISTON WB AIRPORT 6 ASSILAND // ATWORE STATE FARM BELGREEN BERRY BERRY BERRY BERRY DADEVILLE NO 2 EUTAW LOCK NO 7 FORT MORGAN // FORT PAYNE GARDEN CITY GREENVILLE NO 2 GUNTERSVILLE NO 2 GUNTERSVILLE NO 2 GUNTERSVILLE RC HALEYYILLE		.03		.01						.01		-21	st-			-02	.02	.42 .04 .31	.40	.30 * .12 .11 .33 .19 .01 .35 .33	.02 .16 .02 .12 .02 .01 .13 .04	.02 1.42 .08 .06 .40 .05 .01 .20	.05 * .05 .39 .05 .01 .01 .01 .22 .01 .04 .20	.05 * .02 .01 .04 .01 .09 .06 .16	.00 2.3 .7 .8 .9 .6 .0 .0 .0 1.7
HUNTSVILLE 6 JACKSONVILLE LAY DAW LOCK NO 1 // MAGNOLIA MARION 1 MILE SSE MAURION 1 MILE SSE MAUDWAY MOBILE WB CITY MONTCOMERY WB AIRPORT 6 MONTCOMERY WB CITY MOULTON MUSCLE SHOALS 6 PAINT ROCK PETERMAN PLEASANT HILL THORSBY 1 M.LE SW TOONEY TRAFFORD TROY TUSCALOOSA AIRPORT 6 UNIVERSITY			.03	.02	.05	.13	.15	.02	.01				-	*	*	*	*	*	.01 .11 .04 .01 .09	* 1.01 .32 .24 * .59 * .06 * .04 .10 .01	* .04 .13 .41 .37 * .27 * .03 * .08 .10 .18 .20 .22 * .20	* .03 .25 * .04 .25 * .01 * .13 .01 * .38 .32 .09 .28	* .02 .10 * .20 .08 * .01 * .24 * .08 .16 .03 .06 * .05	* .03 .01 * .13 .20 * .03 .03 * .09 .06 .02 .09 .07 .17 .12 * .30	1.2 1.2 1.1 1.1 1.4 4 .4 1.0
IMBREVILLE INDISON INDISTON WE AIRPORT 6 SSHLAND // ITHMORE STATE FARM URBURN SCS 10 BECREEN BERRY BERRY BERRY BERRY BERRY BERRY BOADEVILLE NO 2 SOTHAN CAA AIRPORT SOUTH MORGAN // FORT PAYNE ARADEN CLTY REENVILLE NO 2 LAT ROCK FORT MORGAN // FORT PAYNE ARADEN CLTY REENVILLE NO 2 LAT ROCK OOK NO 1 ACKSONVILLE AY DAM OCK NO 1 ACKOLIA BERRY BERRY ILLE BOCK NO 1 ACKOLIA BERRY ILLE BOCK NO 1 ACKOLIA BERRY ILLE BOCK NO 1 ACKOLIA BERRY ILLE BOOK NO 1 BERRY BERRY ILLE BOOK NO 1 BERRY BERRY BERRY BOOK 6 BOBILE WE AIRPORT 6 BOBILE WE AIRPORT 6 BOBILE WE BITY	.01 .17 .01 .48 .17 .02 .03 .09 .01 .01 .30 .02 .35 .02 .35 .10	.04 * .14 .01 .01 .04 .01 .06 .14 .01 .22 .06 .05 .13 * .45 .43 * .45 .43 *	.01 .04 .01 .03 .01	.27 .08	.51	* .03 .02 .02 .09 .01 .06 .02 .11 * .01 *	.09 .31 .03 .11 .02 .01 .03 .04	.03 .14 .01 .01	.02	.01	* .01 .35 .02	.07	.01	.01			.05	.47		.20	.03	.09	.02	.04	
MONTGOMENY WB AIRPORT 6 MONTGOMENY WB CITY MOULTON MUSCLE SHOALS 6 NEW BROCKTON PAINT ROCK PETERMAN PLEASANT HILL THORSBY 1 MILE SW TOHEY TRAFFORD TROY TROY TRUSCALOOSA AIRPORT 6 UNIVERSITY VERRON	.43 .01 .49 .35 .04 .01 .16 .01 .31 .02 1.15 .20 .21	.05 .15 .05	* .08 .09 * * .05 .03 .18 .09 .10 .01 .02 * .02		* .18 * .05 .55	.05 .12	.03 .01 .02 .01 .10	.03	.08	.03	.01 .01 .01	.01	.10	.12	.13	.01	.01			.01			.05	.04	.7 .6 .2 .2 .9 1.3 .3 .3 .4

Table 4-Continued	-												101	•					_	,					MARCE	H 1949
Station		0		4			r endi			10	11	10	, [- 1			M Hou	-		. 1					Total
		2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7		3	9	10	11	12	
BELGREEN BEXAR 2 MILES SE MOBILE WB AIRPORT 6 TONEY VERNON													th-									•	*	.10	.50 1.01 * .02	. 03
ADDISON ANNISTON WB AIRPORT 6 BELGREEN BERRY BEXAR 2 MILES SE	.04	.10	.08	. 45	.10	.15	.02	* .11 .01	.01	*	*	-25	th- .27	.01	.01					٠			٠	*	*	2.58 .62 1.12 1.55
BIRMINGHAM WB AIRPORT 6 BOAZ EUTAW LOCK NO 7 FLAT ROCK FORT PAYNE GARDEN CITY GUNTERSWILLE REC	*	.03	*	.18	.05 .04 .22 .13 .92	.05 .60 .23	.12 .19 .14 1.78	.07 .11 .04 .02 .15	.05	.01	.01	.02,							1							1.14 1.79 1.05 2.16 1.78
HALETVILLE HUNTSVILLE 6 JACKSONVILLE MOBILE WH AIRPORT 6 MOULTON MUSCLE SHOALS 6 PAINT ROCK	.03	* .03 *	* .82	* .09 *	* * .40	* * * .24	.01 .08 .96	.03	.05														.01	.01		1.70
TONEY TRAFFORD TUSCALOOSA AIRPORT 6 UNIVERSITY VERNON	.55	.15	* 01	,01	.03 .34 * .01	.04 * .16 .21	.29	.16 * .02 .01	.07 *	.01	*	* -26	.15 th -						l						,	.39
ANNISTON WB AIRPORT 6 BELGREEN BEXAR 2 MILES SE CAMPBELL EUTAW LOCK NO 7 GUNTERSVILLE REC MUSCLE SHOALS 6	.02																		. (3 .	01 01 02	.01	.02	.10 .25	.88	1.00 .79 .02 .05
ADDENTAGE											-	-27	th—										0.5		0.3	
ABBEVILLE ADDISON ANNISTON WB AIRPORT 6 ASHLAND // ATMORE STATE FARM BELGREEN	.01	.01	.36	. 02		.01		*	*	.03	.37	.13	.39	.03	.13	* .11 .04 .02	.05		. (0 *	01	.01	.05	.08	•	.73 .66
BERRY BEXAR 2 MILES SE BIRMINGHAM WB AIRPORT BOAZ CAMPBELL DADEVILLE NO 2	.33	.07	.01		.15 .13 .01	.41	.20	.11 .34 .01 .47	.34	.15	.01	.01	.03	.08 .04 .08	.14 .01 .02 .05 .05	.06 .05 .02 .07 .09	.03 .09 .02 .01	.01 .01 .04 .04 .01	i . c	2 .	01 02 01 01	.01	.01	.01	.03	1.05 .69 1.44 1.66
DOTHAN CAA AIRPORT EUTAW LOCK NO 7 FLAT ROCK FORT MORGAN // FORT PAYNE GARDEN CITY			.03	.01	.18	.05	.46 .13	.33	.02	.10	.01 .11	.01	.08	.05 .19 .04 .02	.01	.01	.01	.03	.1	1	01 03 06 03	.05 .01 .04 .03 .04	.10	.01	.05	1.00 1.18 .39 1.00
GREENVILLE NO 2 GUNTERSVILLE REC HALEYVILLE HUNTSVILLE 6 JACKSONVILLE LAY DAM	.01	.30	.01	.04	.04	.70	.24	.11 .02 *	.08	.21 * .07	.21 * .13 .28	.01 .01 *	.11	.03 .09 .02 *	.03 .01 .06 *	* .02 .03 * .03	.08	.09 * .05	* .0 .0 .2	4	08	.03	.01		.01	1.74 1.35 1.13
LOCK NO 1 // MAGNOLIA MARION 1 MILE SSE MOBILE WB AIRPORT 6 MOBILE WB CITY MONTGOMERY WB AIRPORT 6							-	.03 *	.15	.21 .21 *	.22 .02 *	.02 .03 *	.01	.01 * .02	.25	.04	.01 .14 .15 *	.01 .20 .04 *	.0	4 . (5 . (0 *	08	.02	* .03	.01	.01	1.28
MONTGOMERY WB CITY MOULTON MUSCLE SHOALS 6 PAINT ROCK PETERMAN PLEASANT HILL	.07	.26	.29	10	.04	.03	.03 1.18 .12	.03		.02	.01	.01	.07	.02	.02	.01	.03	.03		2 .0 0	02	.01	.01	.02	.03	1.18 1.49 .06
THORSBY 1 MILE SW TONEY TRAFPORD TUSCALOOSA AIRPORT 6 UNIVERSITY VERNON	.03	.84	.06	.01	.02	.02	.13 .55 .33	.18 .18 *	.09	.19 * .11 .01	.03	.01	1.16	.01 .08 .01 *	.12 .03 *	.03 .08 .02 * .10	.03	.01	.0	2 . (* .02 .04	.01	.01	.01	1.50 1.28 1.77 1.40
ABBEVILLE ADDISON ANNISTON WB AIRPORT 6 ASRLAND //	.02	.02 .04 *	.01 .04 *	301	.07 .07 *	.02	. 19	*		.11		·28t	.18													.46
ATMORE STATE FARM AUBURN SCS 10 BERRY BEXAR 2 MILES SE BIRMINGHAM WB AIRPORT	.01	.04	.08	.02 .22 .06	.03 .12 .09	.10	.02	.02	.01	.01	01															.32 .70 .41 .02
BOAZ CAMPBELL DADEVILLE NO 2 DOTHAN CAA AIRPORT EUTAW LOCK NO 7 FLAT ROCK FORT WORGAN //	* .01 .01 .01 .01	.01	.01	* .04 .05 .01 .02	.02 * .06 .10 .02	.09 .07 * .02 .07 .06	.03	.03	.04	.01 .49 .05	.01	.05														.35 .17 .66 .39 .32 .22
FORT MORGAN // PORT PAYNE GARDEN CITY GREENVILLE NO 2 GUNTERSVILLE REC HALEYVILLE HALEYVILLE HUNTSVILLE 6	.01	.01	.01 .03 * .02 .05	.02	.02	.08	.05	.04	.01	.01																.07 .33 .28 .88 .28
JACKSONVILLE LAY DAM	.01	.01	.02		.03	.10	.04	.02	.05																	.34

Station				1	76	M. Hou							-		i	1-			ır endi					
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
OCK NO 1	.01	. 02	.01	. 02	.01	.05		.01	.02	.02														
RION 1 MILE SSE DWAY		.01		.06		.05		.02	. 03			.05												
BILE WB AIRPORT 6 BILE WB CITY	.01		.01				.04																	
NTGOMERY WB AIRPORT 6 NTGOMERY WB CITY	.10	.02	.03		.11	.07		.10	.01	.02	•	*	. 18											
W BROCKTON		.01		.01	.01																			
INT ROCK	03	.01	.02	.14	.01	.05	.08	.01	.02	. 38														
EASANT HILL ORSBY 1 MILE SW	.01	.01		.03	.06		.05	.05	.04				01	.01										
AFFORD DY SCALOOSA AIRPORT 6	.03	.02		.09	.17	.08	.07	.19	.05				.03	.01										
IVERSITY RNON	.05	.01			.03	.07	.03			.02			.00											
Allon	1											-20	th-											
MORE STATE FARm						1						43	LII				.01	. 03	.02	.20	.07	.02	. ()5	.01
RT MORGAN // CK NO 1 //							_	_	_	_	_	_	_	_	_	_	. 28	.11		.95	. 21	.18	.02	.09
GNOLIA BILE WB AIRPORT 6													. 02						.34	.03	.04	.01		
BILE WB CITY NTGOMERY WB AIRPORT 6																	. 43	.24		.09	.13	.02	.02	.02
WTGOMERY WB CITY																1							.01	.01
											_	-30	th-											
DISON NISTON WB AIRPORT 6											.02	.04	-14			.01			. 13	.11	.01	.51	.33	.14
HLAND // WORE STATE FARM				.01	.02	.01		.01						.08					. 10					.01
LGREEN RRY	t.									.14	.18	.10	. 02								.22	.37	.01	.16
XAR 2 MILES SE RMINGHAM WB AIRPORT												.13	.18		.05	.03			.01	1.16	.07	.06	.03	.01
AZ MPBELL										.07	.01	.02	.02	.01	.01	.01		^1				.02	.13	.64
DEVILLE NO 2 FAW LOCK NO 7									.05	.46	.34	.15	.20	.01		.03		.01				.09	.50	1.00
AT ROCK RT MORGAN // RT PAYNE	.15	.02		.04	.01	.03	.01						.01	.02	.04	.01						. 02	.32	. 54
RDEN CITY NTERSVILLE REC											.04	.03	.06	.03	.02	.01						.02	. 13	.21
LEYVILLE NTSVILLE 6															*			*	.02	.02	.05	1.22	. 23	.10
CKSONVILLE Y DAM													.02	.01	.34	.03			. 01					. 09
GNOLIA RION 1 MILE SSE	.01		.01	.01						.02	.01	.08	.01	.01						.02	. 02	.01	. 13	. 86
BILE WB AIRPORT 6 BILE WB CITY	.19	.08	*	*	*	*	.09			,														
NTGOMERY WB AIRPORT 6	.13																	•	.01		. 03	. 67	.50	.05
SCLE SHOALS 6 INT ROCK EASANT HILL	,																. 02			*		.19	. 42	.36
ORSBY 1 MILE SW NEY																.09	.07	.02		.02	. 60	. 30	. 90	.08
AFFORD OY	05										.02	.07	. 05	.04	.01						. 00	.02	. 15	.80
SCALOOSA AIRPORT 6 IVERSITY								•	*	.42	.15	.18	.64	.06	.01	* .02	٠	٠	. 09	*	٠	.01	.14	.95
RNON									.05		.02				.01						.01	.52	.20	.11
BEVILLE			.01		0.1	. 29	40	.93	02	.05	. 02	-31	st-											
DISON NISTON WB AIRPORT 6	.02	*	,01		.01	. 29	.80	.93	.02	.01	.02		.01											
HLAND // BURN SCS 10	.32	.70	.16	.01	.01	.02	.07																	
LGREEN RRY	.02			.01																				
CAR 2 MILES SE RMINGHAM WB AIRPORT	44	.14					.01																	
AZ MPBELL	. 36	.03	.01			0.0																		
DEVILLE NO 2 THAN CAA AIRPORT TAW LOCK NO 7	.02	. 44	. 24	.12	.18	.02		.04	.01		.02													
TAW LOCK NO 7 AT ROCK RT MORGAN //	.27	.01				.01		.12	. 43	.01														
RT PAYNE RDEN CITY	.45	. 14	.01						. 10	.02														
EENVILLE NO 2 NTERSVILLE REC	. 42	.18	.81	1.06	.14	.11																		
MTSVILLE 6	1.28	.01			.01	.01	.10																	
CKSONVILLE F DAM	.13	.40	. 15	.01				.01		.01	.01	.01												
CK NO 1 // GNOLIA	.40	.30		.10	.01	.01	. 03																	
RION 1 MILE SSE DWAY	. 28	.20	. 09	.01	. 26	.04	. 05				.06	. 02	00											
BILE WB AIRPORT 6 BILE WB CITY NTGOMERY WB AIRPORT 6						.01	.94	*				*	. 29											
NTGOMERY WE CITY ULTON	. 26		. 15	.14	.12	-	. 88	-	-		-		. 02											
SCLE SHOALS 6 BROCKTON	. 43						.13	.04	.04	.01														
INT ROCK TERMAN	.15		. 04	. 35	.27	.03	.01																	
EASANT HILL VER PALLS 2 MILES NE	-	.03		.10	.06	.02	. 05	-	.16								_			-				
DRSBY 1 MILE SW NEY	.57	.36	.20	. 03																				

ALABAMA MARCH 1949

Table 4-Continued			MARCH 19	
C: -:		A. M. Hour ending	P M. Hour ending	Te l
Station	1 2 3 4	5 6 7 8 9 10 11 12	1 2 3 4 5 6 7 8 9 10 11 12	To
TRAFFORD TROT TUSCALOOSA AIRPORT 6 UNIVERSITY	.18 .01	.49 .60 .15 .06 .01 .02 * * .16 .01 .01 .01 .01 .01	.01	.19

DAILY TEMPERATURES

Table S									D	ΑI	LY	T	EM	PE	ER/	TT	UR	ES)														
Station																Day o	of mor	nth .		,						. ,			, .				rage
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
ALBERTVILLE 1 MILE S	MAX	39 23	44 24	51 27	57 28	70 38	72 52	65 31	64 33	66 44	61 33	58 33	53 31		58 39	53 33	42 22	55 34	66 36	52 27	56 30	70 46	71 54	71 41	79 49	75 59		81 51	60 52	71 48	74 61		62.4 39.3
ALEXANDER CITY 6 MI NE	MAX	47 26	51 30	59 31	64 31	68 30	72 37	61 35	58 28	68 33	69 41	47 34	59 27	65 34	55 40	54 34	51 24	58 31	68 33	68 30	58 28	69 40	74 50	74 46	75 45	79 55	83 62	84 66	79 54	66 49	72 54		65.4 39.3
ANDALUSIA	MAX MIN	53 32	53 37	57 37		70 43	74 53	72 39	60 38	72 51	70 41	65 34	64 38	72 50	65 54	59 44	62 33	62 42	75 55	55 31	60 39	70 51	75 59	82 52	78 57	85 57	84 65	83 68	84 55	73 56	72 61		69.6 47.8
ANNISTON	MAX	50 26	58 35	65 31	69 32	74 36	67 45	58 36	69 35	66 47	60 40	58 36	63 30	56 41	57 42	50 33	60 25	72 33	66 35	57 32	70 33	75 50	76 57	76 47	82 53	83 62	85 65	75 56	66 52	75 51	72 61		67.3 42.4
ANNISTON WB AIRPORT	MAX MIN	48 25	56 34	63 29	67 29	73 34	65 44	56 34	67 33	63 46	58 37	57 34	61 28	55 40	56 41	48 29	58 23	70 32	64 32	55 28	69 31	73 49	74 56	75 44	81 51	80 62	84 63	73 54	64 51	73 50	70 59		65.5 40.5
ATMORE STATE FARM	MAX	54 34	55 42	65 35	72 36	71 40	77 53	64 41	74 38	75 51	62 43	65 34	72 38	65 54	61 56	61 44	61 35	70 40	65 47	61 33	73 33	75 54	82 59	80 52	80 60	83 65	83 68	80 57	75 56	71 57	82 62		70.8 47.8
AUBURN	MAX	48 26	51 30	58 33	65 31	67 37	71 45	59 34	57 31	67 42	69 41	50 31	60 30	64 41	53 44	55 38	54 27	58 33	68 46	58 31	58 35	67 47	73 50	74 50	76 51	79 59	81 63	82 62	80 53	66 52	71 54		65.0 42.0
BAY MINETTE	MAX	56 34	51 43	65 36	71 38	71 41	77 53	63 41	73 38	75 51	62 42	65 35	73 35	67 55	60 55	64 44	66 36	71 47	66 44	62 33	73 38	72 48	81 62	79 51	78 55	82 67	81 68	75 55	71 56	73 56	80 63		70.4 47.8
BIRMINGHAM WB AIRPORT	MAX	48 26	56 33	62 27	68 30	74 40	66 44	58 33	67 35	63 50	50 36	57 34	64	62 42	57 41	47 31	58 28	72 37	65 33	53 26	69 31	73 54	77 54	73 43	80 54	76 61	83 67	71 54	66 54	74 52	68 60		65.6 41.9
BIRMINGHAM WB CITY	MAX	49 25	50 28	60 32		68 39	74 52	67 33	59 35	69 47	62 36	44 35	59 33	66 40	63 44	56 34	51 28	58 33	71 40	43 29	56 34	71 44	73 54	76 46	75 50	79 61	76 62	81 61	62 54	67 53	77 58		64.4 42.5
BREWTON 3 MILES SSE	MAX	55 34	55 35	53 30	66 30	72 30	73 45	78 41	63 31	73 43	79 44	62 34	67 31	74 43	65 54	59 44	63 31	65 33	75 45	65 31	63 31	74 47	80 56	84 48	81 49	83 58	86 64	83 67	82 55	76 54	74 59		71.3 43.9
CENTREVILLE	MAX MIN	52 29	53	62	66	71	74	65	62	70	71 40	52 36	64 31	69 44	69 45	56 33	52 26	62 33	73 42	49 28	59 29	72 36	74 53	80 42	80 52	81 54	80 63	83 70	72 55	66 51	70 54		67.1 43.7
CITRONELLE	MAX	60 42		64 39		75 47	78 55	71 41	73 42	76 55	61 42	65 35	72 44	64 56	63 54	63 44	66 36	70 50	67 48	62 33	73 40	71 54	81 61	80 50	81 5.	81 58	80 68	73 56	71 55	69 56	80 62		70.8 49.2
CLANTON	MAX	48 27	49 27	60 32		68 30	74 38	62 34	56 33	69 34	70 39	51 35	59 32	66 36	57 44	55 35	52 27	55 28	72 45	52 31	58 31	69 40	73 51	79 48	74 49	79 55	82 63	83 67	73 54	63 52	71 53		64.8 40.7
CORDOVA	MAX	46 25	50 28	57 24	65 25	70 35	75 48	69 34	58 30	67 44	70 36	60 35	60 34	63 40	65 14	59 30	49 22	62 32	73 36	45 24	55 26	71 45	75 56	76 40	76 49	80 58	76 60	82 57	70 54	71 45	79 60		65.9 39.9
DAYTON	MAX	55 30	50 33	59 33	63 36	70 43	74 51	68 37	60 36	73 42	76 40	58 35	57 35	68 48	68 50	55 37	55 30	61 41	75 42	60 29	58 36	71 53	75 58	80 47	70 52	82 55	80 62	83 60	84 55	65 55	68 57		67.5 44.5
DECATUR	MAX	43 24	44 26	52 31	60 31	69 35	77 39	63 32	53 33	70 39	63 34	40 33	52 33	54 35	59 41	65 34	44 25	57 27	65 38	44 31	51 32	70 39	74 51	74 48	62 49	82 52	77 62	82 61	62 54	67 53	75 55		62.0 39.9
DOTHAN CAA AIRPORT	MAX	53 29	60 35	66 32	70 30	74 34	76 45	60 40	69 30	70 41	58 40	63 34	66 32	64 41	60 47	62 40	59 32	71 33	64 38	60 32	68 31	74 47	75 57	76 53	83 53	83 59	86 62	84 57	69 55	69 55	80 60		69.3 43.0
EUFAULA	MAX	53 31	55 32	59 32	69 30	74 37	76 51	61	62 32	72 37	75 46	57 34	64 34	70 36	63 50	52 44	61 30	62 33	75 41	65 32	62 33	74 45	73 52	79 53	80 55	88 61	89 62	90 64	8 9 52	73 56	75 60		70.4 43.7
EVERGREEN	MAX	53 33	55 37	60 32	68 33	72 38	75 44	74 39	63 34	73 46	76 43	58 34	64 34	73 47	62 54	56 43	62 34	64 41	75 52	56 30	63 38	74 56	77 59	84 51	81 59	83 62			85 55	77 56	74 60		69.6 45.1
FAIRHOPE	MAX MIN	56 35	51 41	64 38	69 39	73 42	78 55	73 42	74 40	78 53	64 44	66 35	72 41	78 56	60 54	66 46	64 37	73 48	67 37	64 32	72 40	72 55	79 58	77 51	78 54	83 66	81 69	78 55	77 55	75 56	79 64		71.6 48.4
PAYETTE	MAX	49	52 27	58 29	55 26	70 29	75 42	67 34	60 30	71 36	62 37	48 35	60 27	66 34	68 45	59 29	53 23	60 31	72 31	42 25	57 27	62 41	76 57	75 38	75 45	80 58	76 62	83 61	62 54	71 49	81 57		64.8 38.1
FORT MORGAN	MAX	58 39	53. 42	56 45	62 42	68 42	69 57	72	61 45	70 57	74 46	63 42	68 42	70 59	74 60	62 51	66 44	63 52	70 58	59 36	60 42	70 55	72 65	77 59	75 60	78 65	81 67	82 69	77 57	77 62	72 64		69.0 52.9
FRISCO CITY	MAX	55 32	54 33	59 34		71 40	71 54	76 39	61 38	71 44	74 42	60 33	65 36	71 45	60 54	56 42	61 34	64 40	71 53	66 31	62 40	72 48	75 59	81 50	79 57	79 63	82 66	82 69	78 55	73 56	71 59		69.2 46.6
GADSDEN	MAX	42 25	47 26	56 28		681 26	74 35	69 30	57 31	69 34	62 37	41 35	56 27	58 31	58 38	57 29	47 20	58 25		44 24	53 26	70 44	73 48	74 44	72 46	80 54	74 59		62 54	65 47	77 53		62.8 37.5
GENEVA	MAX	59	57	53	68	73	77	77	65	75	76	64	68	74	71	57	60	65	74	64	65	73	79	82	83	88	87	87	87	71	73	85	72.2 45.9
GOODWATER	MAX	47	49	58	63	69	74	62	58	69	62	45	48	64	54	55	49	60	69	53	55	68	72	74	75	80	83	83	77	63	70	68	63.7
GREENSBORO	MAX	51	55	62	67	68	66	68	63	72	75	54	62	67	70	59	57	60	62	54	59	71	74	79	71	68	76	83	69	69	68	73	66.2
HALEYVILLE	MAX	41		50	59	65	72	63	55	67	60	41	53	58	62	55	44	55	67	42	50	70	72	71	66	78	72	79	61	69	77	72	60.9
HIGHLAND HOME	MAX	51	50	55	63	71	73	64	57	71	72	55	60	67	63	55	53	62	73	52	57	71	74	81	76	84	83	85	83	69	71	77	
HUNTSVILLE																										-							63.0
	27.74	22	55	21	20	70	33	1717	0.3	71	0.2	32	01	70		201	Lor A	3.6	20	60.00	-	0.1	00	2.4			00	0-4			-00		

Table 5-Continued								-					-		-	Day o	of mo	nth		-											p.c.	ARCH 1949
Station		1	2	3	4	5	6	7	В	9	10	11	12	13		15	16	17	18	19	20	21	22	23	24 [25	26	27	28	29	30	31 Avera
LA FAYETTE	MAX	52 -25	60	65	70	74	66:	60 33	70	72 45	69 38	60	66	61	53	53 36	60	70 41	65 39	56 30	68	73 34	75 52	76 45	81	85 61	86 61	82 57	65 53	69 50	75 . 57	78 68.2 60 42.1
LIVINGSTON	MAX	51 30	59 41	64	70 31	75 39	69 58	62	72 33	76 53	60	59 36	68 33	70 54	65 50	54 31	62 29	75 45	70 40	57 30	72 31	74 52	76 59	68	80 52	84 65	82 68	77 56	67 55	66 55	73 61	72 68.7 62 45.2
LOCKHART	MAX	54 32	54 38	53	65	71 41	73	76 41	60	72 49	72 45	60	64	72 49	69	57	62 33	63	75 54	56 32	60	70 54	78 58	81 55	77 57	83 63	84 65	83 70	82 56	70 59	70 63	81 69.3 60 48.1
LOCK NO 4	MAX	43 26	47 27	56 29	69	68 29	70	65 33	57 32	67 35	61 37	44	50 28	61 32	57 38	56 31	48	58 26	69 39	46 26	55 28	69 31	73 · 52	74 46	74 49	78 54	76 61	82 67	71 52	65 48	74 55	69 63.0 60 38.5
MADISON	MAX	43	53 31	58 ?4	68	76 40	69 49	55 27	67	65 49	57 32	52 30	55 28	63 35	56 39	49 28	56 19	61	65 32	53 24	69 30	75 46	75 53	66 40	80 44	83 55	82 62	75 52	69 51	75 47	71 57	75 65.0 57 38.8
MAXWELL FIELD	MAX	52 31	58 41	64 36	68 38	72 42	63 50	59 39	70 37	73 53	59 39	62 36	67 38	60 48	55 48	56 38	58	72 43	66 38	60	69 38	75 53	80 58	75 51	82 56	82 66	85 65	80 57	67 56	70 56	75 63	79 68.2 63 46.5
MOBILE WB AIRPORT	MAX	55 36	51 42	65 38	70 40	71 46	80 54	62 ¹	70 42	73 55	62 42	67 36	70- 44	72 57	61 52	65 44	65 37	68 50	66 38	62 32	71 40	71 57	79 58	80 51	76 58	81 67	78 69	74 56	75 56	72 56	77 65	79 69.9 62 49.1
MOBILE WB CITY	MAX MIN	53 37	50 46	64 39	70 39	68 46	80 56	62 47	69 44	71 59	62 43	66 38	70 45	69 60	60 54	65 ¹	63 40	69 55	68 40	61 35	71 44	70 59	74 61	79 53	76 57	81 66	77 69	72 56	74 56	75 60	75 65	80 69.2 66 51.0
MONTGOMERY WB AIRPORT	MAX	53 30	61 41	66 35	69 33	74 40	64 48	60 ! 38	71	74 49	59 39	61 35	68 36	58 50	55 48	55 37	59 31	73 40	66 36	61 31	70 34	76 52	81 58	76 51	83 56	83 63	86 65	81 56	68 56	70 55	76 64	78 68.9 60 45.2
MONTGOMERY WB CITY	MAX	52 31	60 41	65 40	69 39	74 46	62 51	59 39	70 40	72 52	58 40	62 36	67 39	57 51	56 50	54 39	58 32	72 46	66 39	60 34	69 39	74 51	80 57	76 53	83 59	82 66	85 66	81 56	66 56	70 56	75 63	79 68.2 63 47.4
MUSCLE SHOALS	MAX	43 23	54 34	59 30	67 32	74 49	63 41	53 31	68 36	64 44	44 34	54 29	52 32	60 38	54 38	45 30	56 25	58 46	60 34	52 31	68 33	71 48	69 52	62 46	78 48	75 60	80 67	76 55	68 53	74 52	74 61	75 62.9 54 41.5
ONEONTA	MAX MIN	42 24	48 25	55 25	60 27	68 28	76 42	65 31	56 32	70 40	64 35	40 34	54 27	60 33	60 39	56 33	46 23	59 23	69 40	40 28	52 28	69 32	72 51	76 42	71 46	80 50	73 60	83 61	62 53	65 48	75 53	67 62.4 60 37.8
OZARK	MAX	53 30	56 40	66 38	71 40	74 45	76 48	66 39	70 38	73 47	70 47	63 33	70 40	70 47	64 51	61 44	62 31	74 40	71 47	60 31	71 39	75 51	77 59	79 54	85 57	85 64	87 64	86 67	74 55	72 56	83 64	79 71.7 61 47.3
PRATTVILLE	MAX MIN	50 31	52 34	60 34	60 32	68 37	78 39	64 38	60 34	70 46	73 43	56 34	61 33	67 39	56 50	54 38	54 31	59 37	76 39	60 30	58 34	7(39	74	81 52	75 56	70 63	82 62	85 57	80 56	61 51	69 58	74 66.4 63 43.0
PUSHMATAHA	MAX	31		60 34	63 30	71 38	73 40.	73 38		70 32	70 36	34	36	70	68	68 36	56 30	65 46	76 41	31	30	67 40	72 59									
ROBERTSDALE 7 MILES E	MAX	57 29	52 44	65 36	71 32	71 39	77; 52	71	71 35	77 50	70 43	69 34	71 38	72 50	60 54	67 46	66 36	73 45	68 53	64 31	71 37	71 55	79 64	78 51	76 53	81 59	79 68	78 58	77 55	75 58	80 63	80 71.5 66 47.6
ROCK MILLS	MIN	48 27	52 28	60 33	66	69 28	73 34	61 35	59 32	69 32	69 42	46	60 28	65 30	52 38	54 35	52 24	59 25	69 35	62 29	38 29	69 40	74 47	74 46	77 48	80 53	53 56	85 60	80 54	5.7 49	7 s 50	73 h5.7 60 38.4
SAINT BERNARD	MAX	41 24	44 25	52 27	59 27	68 33	74 41	67 31	55 32	69 37	61 35	40 33	53 30	56 33	61 41	55 ' 33	44 22	57 29	69 38	41 28	50 29	70 29	73 52	75 43	65 46	79 54	73 60	80 58	60 53	65 48	75 53	68 61.3 59 38.2
SCOTTSBORO	MAX MIN	48 23	59 34	63 25	67 29	74 38	67 50	59 31	68 39	67 48	58 32	57 34	60 30	64 39	54 43	49 32	57 21	63 38	63 36	57 26	71 30	74 50	75 55	70 42	82 44	79 60	82 63	75 55	71 52	78 50	68 60	78 66.4 59 40.9
SELMA	MAX MIN	51 31	54 32	60 35	66 33	70 35	74 42	66 38	60 36	70 38	78 41	54 35	61 36	66 38	62 50	55 40	57 32	60 35	74 47	52 31	61 35	71 40	75 54	81 50	75 51	83 60	83 67	85 68	77 56	65 57	69 58	72 67.3 64 44.0
SPRING HILL	MAX	58 35	56 38	51 37	66 37		72 44	68 42	64 40	72 52	74 42	63 36	64 38	67 55	68 59	61 45	66 37	65 44	68 54	54 32	64 40	74 54	68 64	79 52	81 59	75 64			81 56	74 57	73 62	78 68.0 66 47.9
TALLADEGA	MAX	50 26	57 34	62 26	67 26	73 ·	65 52	57 33	67 31	66 46	60 36	58 36	63 29	57 41	56 41	53 35	58 23	70 34	66 38	55 26	70 29	74 52	75 55	73 45	80 51	83 62	84 66	77 55	74 54	74 47	70 60	77 66.8 60 41.4
THOMASVILLE	MAX	51 30	59 41	63 36	71 43	73 44	73 56	63 37	73 41	74. 54	59 41	61 34	70 40	64 55	58 51	55 39	64 32	73 47	66 38	57 31	74 39	74 56	80 59	73 48	81 55	83 65	81 67	73 54	63 54	69 54	73 60	78 68.7 63 47.2
TROY	MAX	50 30	50 31	58 37	64 43	70 47	73 52	64 38	59 38	70 49	72 43	55 33	60 40	68 48	65 50	53 42	58 30	61 38	74 53	54 31	59 39	70 51	74 55	78 52	78 57	83 64	84 63	85 65	85 55	71 55	73 59	82 67.7 51 46.4
TUSCALOOSA AIRPORT	MAX	52 27	60 38	65 30	70 29	75 38	69 47	60 36	70 32	66 52	55 38	62 35	67 31	67 50	60 45	53 34	60 27	74 40	68 32	57 30	73 30	74 55	78 52	75 45	81 53	82 63	84 68	72 55	67 53	77 53	71 62	79 68.5 53 43.0
TUSKEGEE	MAX	59 33	67 35	70 35	70 38	64 37	71 51	62 36	70 34	68 38	64 41	61 33	70 36	68 35	56 49	55 40	59 36	70 30	66 46	60 31	69 34	70 46	78 58	78 55	83 53	85 63	86 64	82 58	67 54	73 52	79 60	77 69.6 52 44.0
UNION SPRINGS	MAX	51 29	52 32	58 34	65 35	69 41	73 53	62 37	59 37	70 49	71 43	54 33	60 37	67 49	59 49	53 41	58 29	60 34	73 49	57 31	65 39	71 49	75 52	78 52	76 56	84 64	83 63		86	70 55	74 59	79 67.1 62 44.6
UNIVERSITY	MAX	53 28	60 38	65 32	70 32	73 42	67 44	60 36	70 35	67 50	50 39	61 36	66 34	66 49	59 47	52 36	60 30	73 44	66 35	56 31	73 33	74 56	77 53	75 46	82 54	81 64	82 67	72 55	67 55	76 54	69 63	78 67.7 58 44.4
VALLEY HEAD	MAX	42 21	45 24	45	49 24	67 32	72 46	62 29	54 32	64 35	60 34	57 32	52 25	54 25	56 28	62 25	50 17	52 20	63 30	50 21	54 22	62 31	70 51	71 50	76 51	79 58	81 57	82 59	72 52	72 49	71 56	74 61.9 60 36.0
WETUMPKA	MAX	52 30	54 30	61 35	66 33	70 33	74 41	61 37	61 36	70 36	71 44	55 35	63 34	68 40	54 49	55 39	55 30	58 30	72 41	62	62 34	69 36	73 52	79 51	77 51	81 56	82 65	84 65	79 56	66 54	70 58	74 67.0 63 42 7

EVAPORATION AND WIND MOVEMENT

Station	ON County	Drainage † Latitude Longitude Elevation	Observer	Refer to tables	Station	ON County	Drainage: Latitude Longitude Elevation	Observation time Observer	Refer to tables
ABBEVILLE ADDISON ADDISON CENTRAL TOWER ALABAMA STATE FARM ALDERTA ALBERTVILLE 1 MI S ALEXANDER CITY 6 MI NE ALICEVILLE ANDALUSIA ANNISTON	0008 HENRY 0063 WINSTON 0071 LAWRENCE 0117 LIMESTONE 0140 WILCOX 0148 MARSHALL 0163 TALLAPOOSA 0178 PICKENS 0252 COVINGTON 0267 CALHOUN	4 31 34 85 15 2 34 13 87 10 2 34 25 87 19 150 12 34 41 86 53 13 2 14 87 25 12 34 16 86 13 111 25 98 85 52 6 13 33 08 88 10 6 31 19 86 30 344 7 33 40 85 50 724	ALA, POLY, INST. 8A SIDNEY J.HARDY, SI 4 GA FAT M.COURINGTON 9A 8A F. E. BLACKBURN 7A HOSIE PHILLIPS 6 SA 8A WW. M. GARRETT	2 3 5 2 3 5 2 3 2 3 5	LOCK NO 3 LOCK NO 4 LOCK NO 17 MADISON MAGELLA MAGNOLIA MARION 1 MILE SSE MARION JUNCTION MARTIN DAM MARWELL FIELD	4840 CHOCTAW 4845 TALLADEGA 4855 TUSCALOOSA 4976 MADISON 4996 JEFFERSON 5004 MARENGO 5108 PERRY 5116 DALLAS 5140 TALLAPOOSA 5202 MONTGOMERY	13 32 17 88 01 33 7 33 38 86 11 510 2 33 29 87 20 28 12 34 42 86 45 573 3 33 30 86 51 65 1 32 08 87 39 3 22 37 87 18 263 3 32 26 87 14 204 11 32 08 85 53 34 11 32 25 86 25 165	7A U. S. ENGINEERS 7A 7A HARRY F. CARTER 6A ALABAMA POWER CO. MID DR. T.H. GAILLARD 8A O. MYRON HOLIFIELD 8A MRS. MARGARET SMITE 6A ALABAMA POWER CO.	3 5 3 5 3 4 3 4 3 4 3 3 5 5
ANNISTON WE AIRPORT ARLEY ASHLAND ASHVILLE ATHENS ATMORE STATE PARM AUDURN AUBURN AUBURN AUBURN BORTON	0272 CALBOUN 0338 WINSTON 0369 CLAY 0377 ST. CLAIR 0390 LIMESTONE 0402 ESCAMBIA 0422 LEE 0427 LEE 0440 AUTAUGA 0546 COLBERT	7 33 35 85 51 2 34 04 87 13 11 33 16 85 50 7 33 50 86 16 86 86 12 34 48 86 59 705 81 11 32 36 85 29 11 32 36 85 29 11 32 36 86 39 12 34 43 87 52 463	9 7A TVA-62 7A 7A ATMORE STATE FARM 22 8A 8A MRS.MARTHA 1. MOON MID SCS 8A J. B. NEIGHBORS	3 4 3 3 4 5	MELVIN MERTZ 3 MILES E MIDWAY MILLERS FERRY MILLERY MILSTEAD MITCHELL DAM MOBILE WB AIRPORT MOBILE WB CITY MONTE SANO	5354 CHOCTAW 5382 BIBB 5397 BULLOCK 5417 WILCOX 5427 WASHINGTON 5439 MACON 5465 CHILTON 5478 MOBILE 5483 MOBILE 5529 MADISON	13 31 56 88 27 3 32 53 87 20 600 4 32 04 85 32 1 32 06 87 22 78 13 31 38 88 19 362 11 32 27 85 54 260 7 32 48 86 27 350 9 30 41 88 12 9 30 42 88 02 10 12 34 45 86 31 1650	MID MATHEW W. HALL 8A NORMAN D. WILLIAMS 6P, 6P MARDIS M. BLOUNT 8A T. C. CARR 6A ALABAMA POWER CO. MID MID U.S. WEATHER BUREAU MID MID U.S. WEATHER BUREAU	3 3 3 4 3 2 3 5 3 3 2 3 4 5 2 3 4 5 3 2 3 5 3 3 2 3 5 3 3 3 3 5 2 3 3 5 2 5 2
BAY MINETTE BEATRICE BELGREN BERNY BEXAR 2 MILES SE BILLINGSLEY BIRMINGHAM WB AIRPORT BIRMINGHAM WB CITY BISBOP BOAZ	0583 BALDWIN 0616 MONROE 0631 FRANKLIN 0748 FAYETTE 0790 MARION 0823 AUTAUGA 0831 JEFFERSON 0836 JEFFERSON 0844 COLBERT 0957 MARSHALL	9 30 53 87 47 268 13 14 4 87 13 12 34 28 87 52 93 6 13 34 12 88 09 11 32 39 86 43 23 34 86 45 616 23 33 32 86 50 694 12 34 39 88 05 470 2 34 13 86 10	7A W. P. DUNN MID TVA-43 MID MISS CLARA R. OLIV MID WM. H. WHITEHEAD 7A MRS.T. L. GALLMAN MID MID U.S. WEATHER BUREAT	2 3 4 3 4 3 4 3 4 3 4 3 4 3	MONTEVALLO MONTGOMERY WB AIRPORT MONTGOMERY WB CITY MOULTON MUSCLE SHOALS MEW BROCKTON NEWBURG NEW MARKET NEWTON ONEONTA	5537 SHELBY 5550 MONTGOMERY 5555 MONTGOMERY 5625 LAWRENCE 5749 COLBERT 5842 COFFEE 5847 FRANKLIN 5862 MADISON 5875 DALE 6121 BLOUNT	3 33 06 86 53 462 1 32 18 86 23 188 1 32 23 86 18 20 12 34 29 87 17 630 12 34 48 87 36 540 5 31 23 85 56 12 34 29 87 35 660 12 34 54 86 26 725 5 31 20 85 37 216 2 33 57 86 30 857	MID MID U.S. WEATHER BUREAU MID MID U.S. WEATHER BUREAU MID TVA-381 MID MID CAA MID E. EARL DOYETT 7A TVA-644	3 4 5 2 3 4 5 3 4 5 3 3 5 3 4 3 3 3 3 3 3 3 3 3 3
DRAWTLEY BREWTON 3 MILES SSE BRIDGEPORT 2 MILES W BRUNDIDGE CALERA CAMPBELL CARRON HILL CENTER GROVE CENTER STAR CENTREVILLE	1069 CRENSHAW 1084 ESCAMBIA 1099 JACKSON 1178 PIKE 1288 SHELBY 1315 CLARKE 1377 WALKER 1492 MORGAN 1497 LAUDERDALE 1520 BIDB	6 31 35 86 16 284 63 104 87 03 85 65 62 44 65 11 43 85 49 515 12 34 56 86 65 13 31 55 87 59 23 55 48 73 24 36 43 61 234 49 87 25 63 31 23 49 87 25 23 56 23 31 25 78 70 88 23 23 25 78 70 88 23 23 25 78 70 88 23 23 25 78 70 88 23 23 25 78 70 88 23 23 25 25 25 25 25 25 25 25 25 25 25 25 25	55 6A 6A MRS. CLARA T. PEAN 59 MISS M.LOUISE JONI 50 8A GEO. L. HICKS 50 8A L & N R. R. AGENT MID E. DOUGLAS REID 7A MISS MARY C. RAY 7A U.S. DEPT. INTERIOR 50 7A TVA-521	3 3 3 4 3	ORRVILLE OZARK PAINT ROCK PALMERDALE PERRYVILLE PETERMAN PICKENSVILLE PINE HILL PINE LEVEL PLANTERSVILLE	6161 DALLAS 6218 DALE 6226 JACKSON 6246 JEFFERSON 6362 PERRY 6370 MONROE 6414 PICKENS 6460 WILCOX 6468 MONTGOMERY 6508 DALLAS	1 32 18 87 14 200 5 31 23 85 39 400 12 34 40 86 20 610 3 33 44 86 39 3 32 37 87 08 1 31 35 87 16 13 33 13 88 16 1 31 59 87 36 6 32 04 86 04 1 32 39 86 56	7A 7A MRS. MARY E. SCOTT MID TVA-69 10A ROBERT P. STORES 8A MRS. GERTRUDE GREEN MID MRS. MINTA EDDINS 7A MRS. DORA I. CLAY	3 4
CHILDERSBURG CITROMELLE CLANTON CLAYTON COFFEE SPRINGS COLLINSVILLE COLUMBIA CORDOYA CUBA DADEVILLE	1615 TALLADEGA 1685 MOBILE 1694 CHLITON 1725 WARBOUR 1807 GENEVA 1849 DE KALB 1865 HOUSTON 1940 WALKER 2079 SUMTER 2119 TALLAPOOSA	7 33 17 86 21 540 9 31 05 88 14 33 7 32 51 86 38 59 5 31 53 85 27 59 5 31 10 85 55 27 7 34 15 85 52 73 5 31 18 85 06 13 2 33 46 87 11 334 13 32 26 88 23 21 11 52 50 85 45 760	1 7A 7A B. O, JONES 7A 7A HUGH M. SIMPSON 7A CARL J. ROBBUCK 5 8A C. B. ADKISON 4 7A MRS. S. CUNNINGHAN 8A 60Y THOMPSON 4 8A MRS. C. GRESHAM 5 8A REUDEN P. HARRIS	3 5 5 2 3 5 5 3 3 5 3 3 5 3 3 5 3 3 5 3 3 5 3 3 5 3 3 5 3 3 5 3 3 5 3 3 5 3 3 5 3 3 5 3 3 5 3 3 5 5 3 5 5 3 5 5 3 5	PLEASANT HILL PRATTVILLE PRIMEDSE PARM PUSHMATAHA RED BAY REFORM RIVER FALLS 2 MILES ME ROBERTSDALE 7 MILES E ROCK MILLS	6526 DALLAS 6640 AUTAUGA 6684 MONTGOMERY 6719 CHOCTAW 6805 FRANKLIN 6847 PICKEMS 6937 COVINGTON 6942 COVINGTON 6988 BALDWIN 7025 RANDOLPH	1,32 09 86 58 1 32 28 86 28 281 1 32 20 86 15 180 13 32 12 88 21 12 34 27 88 09 627 13 33 23 88 01 6 31 21 86 32 6 31 23 86 33 9 30 33 87 48 148 4 33 09 85 18 745	8A W. E. ELSERRY 8A 8A MRS. JANIE C. BROWN 7A TVA-493 7A W. M. MC DONALD 8A JOHN R. BRADLEY MID ALABAMA ELECTRIC CO 6P 6P CARL DOSECK	3 3 3
DADEVILLE NO 2 DANCY DANVILLE DAYTON DECATUR NO 4 DECATUR NO 4 DECATUR SUBSTATION DEMOPOLIS DOTHAN CAA AIRPORT ELBA	2124 TALLAPOOSA 2141 PICKENS 2149 MORGAN 2188 MARENGO 2207 MORGAN 2216 MORGAN 2221 MORGAN 2240 MARENGO 2372 HOUSTON 2577 COFFEE	11 32 50 85 46 13 33 01 88 17 207 12 34 25 87 04 595 13 32 21 87 39 12 34 37 86 59 60 12 34 37 86 59 60 12 34 37 86 59 60 12 34 36 86 58 58 13 32 31 87 51 100 5 31 15 85 27 32 10 81 25 86 04 204	5 7A TVA-503 SA BA JAMES M. CREWS B SA SA BRS. FREDA TRIMBLE CA TVA-63B SA TVA-411 TA J. A. ROBERTSON MID MID MID CAA	3 4 3 2 3 5 2 3 5 3 3 2 3 4 5	SAINT BERNARD SAND MTN.STATE FARM AP SAYRE SCOTTSBORG SUBSTATION SEALE 7 MILES WNW SELMA SHEFFIELD TVA MRSY SHOEMAKER SPRINGS SLOCOMB	7157 CULLMAN 7207 DE KALD 7282 JEFFERSON 7310 JACKSON 7310 JACKSON 7328 RUSSELL 7366 DALLAS 7415 COLBERT 7460 LIMESTONE 7576 GENEVA	2 34 12 86 47 802 12 34 17 85 58 1185 2 33 43 86 58 304 12 34 41 86 02 660 4 32 18 85 17 388 1 32 25 87 00 147 12 34 46 87 42 505 12 34 51 87 12 610 5 31 06 85 35	6P ALA. POLY.INSTITUTE 7A DORA R. WEBSTER 7A 7A MRS. KINZIE BOBO 7A TVA-76A AR E. G. BUSH 7A 7A JOHN O. RHODES 7A TVA-49	2 3 5 3 2 3 5 3 3 2 3 5 3 3 5 3 3 5 3 3 5 3 3 5 3 3 5 3 3 5 3 3 5 3 3 5 3 3 5 3 5 3 5 5 3 5
ELROD EUFAULA EUTAW LOCK NO 7 EVERGREEN FAIRHOPE FALKVILLE FALLS CITY 6 MILES NW PARLEY FAYETTE FLAT ROCK	2632 TUSCALOOSA 2727 BARBOUR 2742 GREENE 2758 CONECUH 2813 BALDWIN 2840 MORGAN 2848 WINSTON 2867 MADISON 2883 FAYETTE 2883 FAYETTE 2945 JACKSON	13 33 15 87 48 4 31 53 85 08 254 2 32 47 87 50 6 31 26 86 58 34 9 30 32 87 55 22 12 34 22 86 55 622 2 34 04 87 20 67 12 34 36 86 34 676 12 34 36 86 34 187 50 12 34 46 85 41 1380	7A E. B. HOLBROOK 0 8A 8A WRS JESSIE D.GOLSG 3 MID 6P HAROLD F. YATES 0 7A TVA-384 0 7A USFS 8A TVA-57 9 8A 8A WM. M. RILEY	2 3 5 3 4 2 3 5 2 3 5 6 3 3 2 3 5	SMITHSONIA SNOW HILL SOUTH HILL SPRING HILL SPRING HILL SWAIM SYLACAUGA SYLVANIA TALLADEGA TALLADEGA TALLADEGA HORN MTN.TOWE THOMASVILLE	7599 LAUDERDALE 7620 WILCOX 7671 DE KALB -7733 MOBILE 7968 JACKSON 7994 TALLADEGA 8012 DE KALB 8024 TALLADEGA 8032 LTALLADEGA 8178 CLARKE	12 34 46 87 51 500 1 32 00 87 01 225 12 34 24 86 02 990 9 30 42 88 10 175 12 34 53 86 13 565 7 33 10 86 13 548 12 34 34 85 49 1400 7 33 26 86 06 554 7 33 18 86 04 1919 13 31 55 87 45 385	7A TVA-385 8A ALABAMA POWER CO. 7A TVA-386 7A 7A C. D. WEAVER 9A USFS	3 3 3 2 3 5 3 3 5 2 3 5 5 2 3 5
FLORENCE AT LOCK FORT DEPOSIT FORT MORGAN FORT PAYME FRISCO CITY CADEDEN CAIMESVILLE GARDEN CITY GENEVA GOODWATER	2976 LAUDERDALE 3024 LOWNDES 3035 BALDWIN 3043 DE KALB 3105 MONROE 3151 ETOWAH 3160 SUMTER 3200 CULLMAN 3255 GENEVA 3399 COOSA	12 34 47 87 40 456 6 31 59 86 35 526 9 30 14 88 01 7 34 26 85 43 875 8 31 26 87 24 7 34 01 86 00 54 13 32 49 88 09 54 2 34 00 86 44 5 31 02 85 52 107 7 33 04 86 03 826	7A MRS.ISABEL C.HUGHI 8A MID WHA. R. CRANDLER 9 8A JOHN W. PATE 8A MRS. NELIA MCKENZI 4 8A 8A G. ERNEST ROLCOMB 7A MRS. G. MC KENZIE 7 7A REBECCA CAMPBELL 7	2 3 4 5 3 4	THORSEY I MILE SW THURLOW DAM TIBBLE TONEY TRAFFORD TROY TUSCALOOSA LOCK & DAM TUSCALOOSA LOCK & DAM TUSCALOOSA TOCK & DAM TUSCALOOSA TOCK & DAM TUSKEGER UNION SPRINGS	8204 CHILTON 8215 ELMORE 8223, WASHINGTON 82859 MADISON 8285 JEPFERSON 8232 PIKE 8380 TUSCALOOSA 8385 TUSCALOOSA 8388 MACON 8438 BULLOCK	1 32 54 86 44 11 32 32 85 54 288 13 31 22 88 15 226 12 34 54 86 44 750 2 33 49 86 44 10 31 49 85 58 59 2 33 14 87 37 170 2 33 13 87 35 152 11 32 24 85 42 459 6 32 08 85 44 465	8A MISS DOROTHY TAYLOR MID TVA-506 7A MRS. M. JOHNSON 8A 8A THOMAS J. DILLARD MID MID CAA 7A U. S. ENGINEERS 5P 5P W. T. THOMPSON	3 4 3 3 4 3 4 5 2 3 4 5 2 3 4 5 2 3 5 2 3 5
CORGAS GREENSBORO GREENVILLE GREENVILLE MO 2 CULF SHORES 2 MI SSE GUNTERSVILLE CUNTERSVILLE GUNTERSVILLE CTY MATER GUNTERSVILLE DAM HALEYVILLE HAMILTON -	3430 WALKER 3511 BALE 3519 BUTLER 3524 BUTLER 3559 BALDWIN 3573 MARSHALL 3578 MARSHALL 3620 WINSTON 3620 WINSTON	2 33 39 87 13 300 2 32 42 87 36 22 6 31 50 86 38 444 6 31 50 86 38 444 12 34 21 86 18 644 12 34 22 86 17 61 12 34 22 86 17 61 12 34 26 86 24 611 2 34 26 86 24 611 2 34 26 86 24 611 3 34 08 87 59 498	0 8A 8A WRS. C. POELLNITZ 8 8A CECILE T. LEWIS 1 MID CITY WATER PLANT 8A MRS. G. M.MC LEOD 0 8A L. S. LONG 0 MID TVA-403 7A TVA-70 7 7A ZEMER L. SHIPMAN	3 5 2 3 5 3 4 3 3 4 3 3 4 3 3 4 5 3 4 5 3	UNIONTOWN UNIVERSITY VALLEY BEAD VANCE VERNON WATLEY WALLACE WALHUT GROVE WATERLOO WEST BLOCTON	8446 PERRY 8454 TUSCALOOSA 8469 DE KALB 8477 TUSCALOOSA 8517 LAMAR 8605 RANDOLPH 8637 ESCAMBIA 8648 ETOWAH 8686 LAUDERDALE 8809 BIBB	1 32 27 87 31 273 2 33 12 87 33 225 7 34 34 85 36 1031 3 33 10 87 13 13 33 45 88 07 180 11 33 08 85 34 640 6 31 12 87 14 2 34 04 86 19 850 12 34 55 88 04 445 3 33 07 87 07	MID MID DR. F. H. MITCHELL 8A 8A MRS. CARRIE DALBY 7A WM. F. VANCE MID G. C. MOORE, JR.	3 4 5 2 3 4 5 3 4 3 3 3 3 3 3
HARRISBURG 6 MILES SE MATNEYILLE HELENA HIGHLAND HOME HIGHTOWER HODGES HUNTSVILLE SUBSTATION HUNTSVILLE HYTOP JACKSON SHOALS	3697 PERRY 3714 LOWNDEC 3783 SHELBY 3916 CRENSHAW 3842 CLEBURNE 3899 FRANKLIN 4060 MADISON 4068 MADISON 4099 JACKSON 4198 TALLADEGA	12 34 54 86 05 1500 7 33 32 86 12 475	SA LEXINE E. WATSON 8A RUDIOLPH ENGLAND 4 7A 7A LUKE JORDAN 8A MRS. EARL LINDSEY 6A FRANK L. HAYNES 1 6A TVA-65 0 11D MID U.S. WEATHER BUREAU 7A TVA-78	3 3 2 3 5 3 3 5 3 3 4 5 3 3 3 3 3 3 3 3 3 3 3	WETUMPKA WHEBLER DAM WILSON DAM WINFIELD 2 MILES SW YATES HYDRO PLANT YOUNGS STORE	8859 ELMORE 8877 CLARKE 8875 LAWRENCE 8880 COLDERT 8988 FAYETTE 9103 ELMORE 9350 LAUDERDALE	7 32 32 86 12 205 13 31 39 87 43 12 34 47 87 21 580 12 34 48 87 37 530 13 33 56 87 49 468 11 32 34 85 54 335 12 34 57 87 54 840	7A LEONARD L. COLEMAN 7A TVA-52 6A TVA-471 7A W. W. COTNEY 6A ALABAMA POWER CO.	2 3 5 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
JACKSONVILLE JORDAN DAM JA FAYETTE LAY DAM LEEDS LEESBURG LIVINGSTON LOCKHART LOCK NO 1 LOCK NO 2	4209 CALHOUN 4306 ELMORE 4502 CHAMBERS 4603 COOSA 4619 JEFFERSON 4627 CHEROKEE 4798 SUNTER 4822 COVINGTON 4830 CLARKE 4835 CHOCTAW	7 33 49 85 45 7 32 37 86 15 290 11 32 54 85 24 83 7 32 58 86 31 42 7 32 58 86 31 42 7 34 11 85 46 58 13 32 35 88 11 16 9 31 01 86 22 299 13 31 33 38 01 11 13 32 08 88 02 23	0 5P 6P CLARENCE H.FINCHES 6A ALABAMA POWER CO. 8A MRS. MARY K. LEE 7A RUFUS M. SEWELL 0 5P 5P PROP.E. J. MURPHE) 0 8A 8A R.C. YOUNG 1 7A U. S. ENGINEERS	3 4		1			

1 -ALADAMA; 2-BLACK WARRIOR; 3-CARABA; 4-CHATTAHOOCHEE; 5-CHOCTAWHATCREE; 6-CONECUR; 7-COOSA; 8-ESCAMBIA; 9-GULF; 10-PEA; 11-TALLAPOOSA; 12-TENNESSEE; 13-TOMBIGBEE REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a State. Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dissensional units used in this bulletin are: Temperatures in "7, precipitation and evaporation in inches, and wind movement is miles. Evaporation is measured in the standard Weather Sucreat type pan of 4 f.o.t disaster unless otherwise above by foctore following Table 1.

When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.

Amounts in Table 4 are from recording gages. Traces are not shown.

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time

No record.

And also on later dates.

And also on later dates.

Anount included in following measurement, time distribution unknown.

Cage is equipped with a windshield.

Cage is equipped with a windshield.

Advanced in a full monit.

Advanced in a full monit.

Where control is a full monit.

Where control is a full monit.

Whater equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

Whater equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

One or more days of record missing; see Table 5 for detailed daily record.

Station equipped with recording gage only. All amounts in Table 3 are for non-recording gages, except for stations with this reference.

The later of the control for prediction on the following day.

Observation time is 1:30 A E.S.T. of the following day.

Bourly amounts from recording gage at the same site may be found in Table 4.

Bourly amounts from recording gage at the same site may be found in Table 4.

Subacription Price: 15 cents per copy; \$1.50 a year (Yearly subscription includes Annual Summary). Correspondence regarding subscriptions should be addressed to the Weather Records Processing Center, 430 Post Office Building, Chattanoogs 2, Tenessence. - 42 -





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CLIMATOLOGICAL DATA

ALABAMA

APRIL 1949 Volume LV No. 4



ALABAMA - APRIL, 1949

A. R. Long, Section Director - Montgomery

General Summary

Over most of the State, rainfall this April was rather light until the last 4 days when it was heavy in nearly all sections. Monthly totals were below normal in the majority of northern and western localities, and mostly above normal elsewhere. Temperatures followed the normal upward trend and were not unusual at any time except on the morning of the 17th when it was unusually cold.

Following general rain on the last day of March, there were 5 days with scattered showers and mostly rather low day time temperatures. From the 6th to the 10th, there was no rain, and temperatures climbed to about 5° above normal. On the 10-12th, light to moderate showers occurred, with some heavy accumulations in much of the southeast.

There was no rain from the 15th to the 19th, but exceptionally cold air for the time of year came in on the afternoon of the 16th, and by next morning (the Sunday set aside for Easter), almost record low temperatures for so late in the season were recorded, and minimums at two thirds of Northern Division stations were 32° or lower for this popularly expected "Easter cold snap". After the 20th, temperatures remained near normal.

A heavy local thundershower occurred in Mobile County in the late afternoon of the 21st. At the Mobile Weather Bureau City Office, 3.51 inches of rain fell in one hour, and there were altogether 4.16 inches in the storm. Heavy rain fell in the same area again the following day, making two day totals of 7.11 inches at the Mobile Airport and 6.18 inches at the City Office, respectively. Elsewhere over the State, showers were light to moderate and rather spotted from the 20th through the 22d. There were again some light to moderate scattered showers in the east central portion on the 24th.

A rainy spell set in late on the 26th, and lasted until early on May 2d. Unusually heavy rainfall from the 28th to the 30th, inclusive, was reported over an east central area including Chambers, Lee, Macon, and Russell Counties, most of Bullock County, and adjoining portions of Elmore, Montgomery, Randolph, and Tallapoosa Counties. The 3 day total at Seale was 8.23 inches while Milstead had 7.78 inches, and Tuskegee 7.50 inches, in this period.

Field work, which had been getting behind on account of wet soil during March, made rapid progress, and as the month ended, planting was up to date except in some northeastern counties where there was some lag. At the beginning of the month, some cotton was coming up in the southeast, and at the end, planting of corn and cotton was advanced in central Alabama and well along in northern areas, and 80% of the commercial peanut crop was planted. Harvesting of a fine crop of Irish potatoes got underway, but strawberr, shipments this April were rather light. Grains, hay crops, and pasturage, continued in unusually good condition, and the outlook remained bright for good crops of lupine seed and crimson clover seed.

WINDSTORMS

A thundersquall, in the Montgomery area at near 5:35 a.m. on the 11th, destroyed a small airplane at the Norman Bridge Airport, and damaged 2 others, one of which was at the Allenport field. Some minor building damage was done in downtown Montgomery. Total damage was near \$2500.

At Mobile, at 5:30 to 6:45 p.m. on the 21st, \$10,000 damage was done by wind and water combined in the heavy thunder-shower mentioned above. The fastest mile of wind recorded was 59 miles per hour. Many downtown sections were flooded, and water backed into stores as much as 3 feet deep on low streets when the storm sewers were unable to take care of the runoff.

On the 24th at 3 p. m., around Jordan Dam and Buyck, in Elmore County, widespread but light damage to buildings totalling \$10,000 was done by a thundersquall. Considerable hail the "size of a dime" accompanied this storm, but there was no damage by hail.

FLOODS

There was a rapid rise at Milstead, on the Tallapoosa River, with a crest of 41.5 feet on the afternoon of the 30th, as a result of the very heavy rain in that area on the 29th. About the only damage was to newly planted crops. Warnings pre-

The lower Warrior and the Tombigbee reached crests considerably above flood stages early in the month after the rains late in March. Due to high water levels earlier in the season, damage by this overflow was confined mostly to the interruption of logging operations.

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages—mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the rmy, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are awailable for inspection may be obtained upon application to Chief, U.S. Weather Bureau. Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

ALABAMA APRIL 1949

		el pressure	extremes-in	ches		Wind spee	d-m. p. h.		Relativ	e humidity	averages-	percent	Sunshine	
Station	Highest	Date	Lowest	Date	Average	Maximum	Direction of maximum	Date of maximum	1:30 a. E.S.T.	7:30 a. E.S.T.	1:30 p. E. S. T.	7:30 p.E.S.T.	Percent of possible	Degree days 65° base
ANNISTON WB AIRPORT	30.29	20	29.56	12	7.2	- 1	-	-	83	82	58	65	-	184
BIRMINGHAM WB AIRPORT	30.33	26	29.60	12	10.5	32	S	10	75	80	54	56	53	164
MOBILE WB CITY	30.27†	26	29.69†	12	11.9	59	N	21	87†	87†	59†	73†	56	38
MONTGOMERY WB CITY	30.32†	26	29.61†	12	7.8	31	SE	11	80†	85†	54†	64†	55	89
† AIRPORT DATA				1					1					

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COMPARATIVE DATA

Table 1							001.11					,					
	I	'emperature		Precip	tation	}	1	Temperature	9	Precipi	tation			Tempe rature	9	Precip	itation
Year	Average	Highest	Lowest	Average	No of days	Year	Äverage	Highest	Lowest	Average	No of days	Year	Average	Highest	Lowest	Average	No of days
1884 1885 1886 1887 1888	62.6 64.4 63.8 64.3 66.3	94 92 92 90 89	28 26 25 24 30	4.57 3.76 4.58 2.06 2.24	8 7 8 4 5	1909 1910 1911 1912 1913	63.4 61.9 63.9 64.6 62.3	94 91 91 90 92	29 26 33 31 31	6.67 3.40 7.75 10.00 2.34	8 6 9 11 5	1934 1935 1936 1937 1938	64.6 64.9 62.5 63.4 64.1	91 92 93 92 93	30 30 28 29 28	3.68 5.50 6.82 7.03 9.53	8 9 9 9
1869 1890 1891 1892 1893	63.8 64.5 63.8 65.3 67.0	91 89 92 91 90	32 31 22 29 32	3.20 3.26 2.27 4.30 4.06	5 7 5 8 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	1914 1915 1916 1917 1918	63.8 64.9 62.2 64.0 61.1	91 96 93 96 92	25 22 29 30 25	3.84 0.57 3.14 3.48 7.60	7 2 5 5 10	1939 1940 1941 1942 1943	62.7 62.4 65.8 64.6 64.2	89 89 90 97 97	28 21 36 25 25	3.52 3.57 2.93 1.80 3.72	8 8 7 2 6
1894 1895 1896 1897 1898	65.4 63.5 68.3 62.4 58.5	98 90 94 91 88	31 30 30 29 25	3.49 3.76 3.67 4.20 4.44	7 7 5 8 7	1919 1920 1921 1922 1923	62.6 62.3 62.3 66.9 63.4	92 91 88 92 90	24 25 27 32 24	3.48 9.21 6.53 4.12 5.99	11 6 7 11	1944 1945 1946 1947 1948	62.9 66.7 67.0 66.0 68.0	91 92 91 92 91	23 32 30 32 32 32	9.29 7.69 3.02 6.82 3.79	12 9 6 10 7
1899 1900 1901 1902 1903	62.0 63.9 57.8 62.0 61.1	98 91 91 92 89	26 24 26 27 30	2.48 8.93 5.31 2.33 2.64	6 7 6	1924 1925 1926 1927 1928	63.3 68.2 61.2 68.1 59.8	90 96 89 93 89	22 31 24 29 28	5.58 1.51 2.32 2.28 9.86	8 4 6 6 10	1949 Period	62.3	91	28 21	5.79	
1904 1905 1906 1907 1908	60 4 63.9 65.2 58.7 67.3	89 92 96 89 94	28 25 26 24 26	2.15 3.60 1.03 6.44 0.00	6 10 4 11 8	1929 1930 1931 1932 1933	66.8 65.5 61.5 64.8 62.7	95 90 90 93 90	35 29 29 30 31	4.63 1.47 3.42 3.04 6.50	9 3 6 5 1						

		,		Tempera	ture	_	,						Precipitat	on		T		
				1			No. o	f days		7			Snor	w, Sleet, H	ail	N	o. of da	ys
Station	Ачегаде	Departure from normal	Highest	Date	Lowest	Date	Max 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground	Date	.01 or more	.25 or more	1.00 cr more
NORTHERN DIVISION				ì													1	
ALBERTVILLE 1 MILE S ANNISTON WB AIRPORT BIRMINGHAM WB AIRPORT BIRMINGHAM WB CITY CORDOVA	59.2M 59.3 60.5 62.0 61.2	- 0.9 - 1.2 - 1.3 - 0.5	84 87 89 86	8+ 24 25 24	31 33 37 31	17 17 17 17	A. Carriera	1	3.48 4.90 4.88 3.37	0.09 0.07 - 1.47	1,12 1,23 1,48 0,79	29 12 30 28				11 12 12 9	4 5 5 6	1 2 1
DECATUR FAVETTE GADS DEN GOODWATER HALEYVILLE	59.1 60.5 59.2 60.6 58.1	- 2.7 - 2.3 - 1.7	82 90 83 86 81	27 25 25 25 25 25	36 29 29 30 36	17 17 17 17 16	1	1 1 1	3.75 3.31 4.78 5.43 3.01	- 0.73 - 1.69 - 0.08 0.83	1.50 1.63 1.77 1.24 0.68	28 27 13 29 13				11 9 11 11 9	6 4 5 7 7	1 1 2 2
HUNTSVILLE LOCK NO 4 MADISON MUSCLE SHOALS ONEONTA	58.4 59.7 58.2 59.1 59.2	- 1.7 - 2.6 - 1.6 - 0.7	83 83 84 82 84	26 9 26 23 27	32 30 31 36 30	17 17 17 16+ 17		1 1 1	3.90 4.89 4.48 1.78 4.12	- 0.92 0.12 - 0.35 - 2.82 - 0.90	1.19 1.12 1.58 0.42 1.10	27 28 28 5+				12 9 12 9	5 6 5 3 7	1 1 1
ROCK MILLS SAINT BERNARD SCOTTSBORO TALLADEGA TUSCALOOSA AIRPORT	59.2 58.1 59.6 61.0M 62.3	- 2.4 - 0.5 - 1.7 - 1.0	86 83 83 86 89	25 27 23+ 24 24	30 30 32 31 33	17 17 17 17 17		1 1 1	8.72 2.59 6.05 5.67 3.92	4.22 - 2.25 1.24 1.05 - 0.98	2.94 0.48 1.60 2.00 1.54	29 27 29 29 30				13 10 12 10 12	7 5 8 7 5	3 2 1
UNIVERSITY VALLEY HEAD	62.8 55.9M	- 0.5 - 2.9	89 80	24 27	34 28	17 17		2	3.59	- 1.31	1.20	27 29		1		10	4	1
DIVISION	59.7								4.33									
MIDDLE DIVISION	1			1										1		1		
ALEXANDER CITY 6 MILES NE AUBURN CENTREVILLE CLANTON DAYTON	60.7 60.9 65.3 61.6 63.2	- 3.2 1.9 - 1.2	88 82 91 88 85	25 25+ 25 25 9	30 31 34 34 37	17 17 17 17 17	1	1 1	8.70 3.58 7.80 4.28	4.23 - 1.50 3.00	2.37 3.33 1.57 3.17 2.37	29 30 28 29 28				14 11 13 12	7 5 6 4	2 1 2 1
EUFAULA GREENSBORO GREENVILLE HIGHLAND HOME LA FAYETTE	65.9M 64.3 64.3 63.6M 61.8	1.4 0.2 - 1.0 - 1.5	89 85 85 85	25 28 9 24	35 39 41 33	17 17 6 17			6.23 1.68 5.62 3.41 8.67	1.82 - 2.99 0.88 - 0.97	1.96 0.57 1.54	30 28 30		1		10 11 15 9 12	6 3 7	3 2
LIVINGSTON MAXWELL FIELD MONTGOMERY WB AIRPORT MONTGOMERY WB CITY PRATTVILLE	63.3M 64.4 63.5 63.8 63.2M	- 0.2 - - 1.5 - 0.3	87 87 87 86 87	24 24 24 24 25	34 39 36 42 35	17 17 17 17 17			5.15 5.55 4.18 5.25	- - - 0.12 0.84	1.43 1.55 2.32 1.40 1.68	27 27 27 27 27 29		, , , , , , , , , , , , , , , , , , ,		16 14 14 11	7 5 5 5	2 2 2 2
SELMA THOMASVILLE TROY TUSKEGEE UNION SPRINGS	63,5 63,6 64,6 63,8 64,0	- 1.4 - 1.1 - 1.2 - 0.9 - 0.6	85 86 85 84 85	9+ 24 28 28 28 25+	37 39 38 41 38	17 16+ 17 19			5.73 4.09 6.78 10.40 9.19	1.32 - 0.26 2.21 6.45 4.46	1.85 1.16 2.42 6.00 3.61	28 28 29 29 29	т			12 12 13 9 14	8 5 6 9 8	1 1 2 2 3
WETUMPKA	63.3	- 1.1	89	25	36	17	į	i	7.50	3.11	1.83	29				13	8	3
DIVISION	63.5							1	5.99									
SOUTHERN DIVISION ANDALUSIA ATMORE STATE FARM BAY MINETTE BREWTON 3 MILES SSE	65.9 66.3 66.0 64.5 65.9	- 0.9 - 0.7 - 0.6	85 85 85 87 85	25+ 9+ 24 25 24	42 39 40 33 43	17 17 17 17 17			9.32 7.66 7.79 7.72 6.24	2.71 3.28 0.83	2.09 1.96 2.28 1.41	29 21 30 29				10 9 10 12 14	6 9 7	5 3 3
CITRONELLE DOTHAN CAA AIRPORT FAIRHOPE FORT MORGAN FRISCO CITY GENEVA	66.4 66.8 68.1 65.0 66.4	0.4	87 86 82 85 86	24+ 24 25 25 9+	39 41 52 38 36	17 17 17 17 17			7.86 10.07 - 6.21 10.05	3.70 5.06 1.24 5.45	2.08 3.30 1.77 1.74	29 22 23 30				10 13	8 6 8	2 4 3 5
LOCKHART MOBILE WB AIRPORT MOBILE WB CITY OZARK ROBERTSDALE 7 MILES E	66.4 65.9 67.0 66.2 66.7	0.7	87 87 88 86 86	25 24 24 27 24	41 42 43 39 38	17 17 17 17 17			11.39 11.77 10.69 7.20 9.81	- 6.06 2.99 4.65	3.43 4.00 4.16 1.80 2.76	30 21 21 11 11				9 15 11 13 12	7 6 8	5 3 3
SPRING HILL	66.0	- 1.1	82	26	40	17			-	-	-							
DIVISION	66.2								8.84									
STATE	62.3	- 1.2						1	5.79	1.14								

Table 3																		_													APRIL	1949
Station	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Day 15	of m	onth 17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
ABBEVILLE SADELSON CHERL TOWER ALBRADA STATE FARM	t t	.20	.13	.30	.02 .61 .59	- '					46	.96	.14	. 60							23	32 .11 15 .34	.20		.11		1.05	1.31 .94 1.30 .17	.22 .58 1.16 1.30	.10 .80 .12		4.16 4.24 4.88 4.01
ALBERTVILLE 1 M/ S ALEXANDER CITY 6 M/ NE ALICEVILLE ANDALUSIA ANNISTON WB AIRPORT		, 06 T	.15	. 03	.75	.05					.32 1.20 .16	1.10 .54 .30 1.29	.37 .50 .20 .14							т	.38 T	.09			. 05		.78	1.50	2.09	.30'		9.32
ARLEY ASHLAND // R ASHVILLE ATHENS ATMORE STATE FARM Z			.15 .15 .18 .15	.02	.40 .26 .42	. 60					.44 .03 1.58	.79	1.49 .19 1.21		. 07						. 22	.20 .40 .15 2.72	The same of the sa	.03			.39	1.08 .06 1.18	1.03 1.45 .54	.09 .58 .38		5.03 5.35 3.59 3.11 7.66
AUBURN AUBURN SCS 10 AUTMIGAVILLE BARTON BAY MINETTE	.15	.02	. 25	.02	.50 .43 .48 .68	.08					.31 .30 .22	.20	.17 .46 1.10	т	,02					.29	.07 .08 _18	.05	-	. 45 T	.47 .57 .08			.70 1.10 1.38 .18 .52		.60		8.70 8.98 4.36 2.48 7.79
BEATRICE BELGREEN REERRY BERRY BEXAR 2 MILES SE BIRMINGHAM WB APT Z		.09 .04 T	.36 .01 .01	.02	.18 .34 .56 .06					T	.04	.85 .60 .03 .14 1.23	.17 .10 .27							т	.50 .12 .03 .06 .21	.25 .16 .06 .12 02	т				.87 4 1.90 1.21	.40 .62 .19 .83	.38	.90 .10 .73		3.44 3.46 3.67 4.90
BIRMINGHAM WB CITY BISHOP BOAZ BRANTLY BREWTON 3 MILES SSE	T 10	04	.18 05 .17	.02	.48 .15 .26 .46 .39	.14					.76 1,44		.72 2.50 1.65 T	т	10						.10	.55 .34	T .72	.05			.16 .15 .25	.85 .20 .22 .21 .36		1.48 .40 .68 .60 2.28		4.88 4.27 4.50 4.59 7.72
BRIDGEPORT 2 MILES W BRUNDINGF CAMPBELL CENTER GROVE CENTREVILLE	. 30	.03	09 T .23	.09	.90 .45 .18 .63	.44				.06	.65 .11 T	.02 .17 .31	1.10 1.15 .98	.19		т				.10	.27 .24 f	.11 .16 .46 .32 .05	. 57	т	. 29		.03 1.48 .88	.51 .62 1.57	1,18 ,45 ,40	.30		4.68 8.15 4.46 5.07 3.58
CHILDERSBURG CITRONELLE CLANTON CLAYTON COPPEE SPRINGS	Ι τ	T T , 90	.05	.16 T	.20 .24	.10				٠	.08 .88 .15 .40 1.25		.70							1+-	.04 51 02		.01		. 58		.41	.67 .99	1.86 1.41 3.17 2.00	2.20		5.38 6.24 7.80 5.37 10.10
COLLINSVILLE COLUMBIA CORLINA CUBA DADEVILLE DADEVILLE NO 2 R	. 75	. 12 T	.15	.05	.20 1.05 .55 .15 .16	.22					.60 .70 .10	.85 .22 .40 .56	1.31 .40 .30 T .39	Т							.04	.51 .05 .11 .52	.98	10	.05		.32		.80 .84 .61 .26 1.86	.30 .22 1.55		4.13 6.19 3.37 3.62 6.76
DANCY DANVILLE DAYTON DECATUR NO 4			.03	.00	.11 .63 .27 .31	.21					.15	.28 .34 .02	.31	.12							.03	.27 .30	.10; 17	.11	.07		1.02 .20 .10	1.11	.15 .38 .03 .54	.02 .76 .34 .73 .26		3.96 3.29 4.28 3.75
DECATUR SUBSTATION DEMOPOLIS DOTHAN CAA AIRPORT Z ELBA ELROD	12	21	04 0£	.74	.57 .29 .05 .42	.22				.97	1.51 .82	2.05	.28	T							.28	.11 .30 .32 .18	.15		. 20		.11	1.49 .46 .92 2	.41 .07 2.08 2.44	.09		3.33 2.31 7.86 8.84
EUFAULA EUTAW LOCK NO 7 Z FAIRHOPE FALKVILLE FALLS CITY 6 MILES NW	0.2	1	18 62 52 18	.19	.18 .21 .45	.33						1.11 .01 .10	.12 .50							1.25	T .01 37 :	.25	.05 .05 .04 .10		,19		.38	.79 .78 .90	.26 .14 .20	.12		6.23 1.96 10.07 3.69
FARLEY FAYETTE R FLAT ROCK FORT DEPOSIT E. H. WANGAN Z	04	65	11 7		.38	.18					.06	.08	.56 .41 .07 .50								ř 22 25	.33 .13 .53 .61	.12		T.10		1.20 1.63 .33	.63 .34 .27 1.20	.59 .20 .68 .04 1	.22 .03 l,18		5.22 3.31 3.69 6.03
FREE C VITY FREE C VITY GALLEN GAINESVILLE GAPDEN CITY Z	.02		69 12 15	T	.28	.59					.41	.04	.96 .08 1.77 .90	.02							07 T	.53 .58 .32 .12	. 13		т		.24	.15	.84	.14		4.02 6.21 4.78 3.46
GENETALIST GORGAS GRIENSHORD GREENVILLE GREE	7	1 1	2.	T	.97 .28 .24 .36	.05 .31 .02					.13 .77	.06	.88	T							04	.13	.04 .26		T .02		.08	.57	.58 1 .24 1 .22 .01	.09		10.05 5.43 3.05 1.68 5.62
GULF SHORES 2 MILES SE GUNTERSVILLE REC GUNTERSVILLE DAM RALFYVILLE Z HAMILTON	?+ T	25	13 18	.02	.88	.41					5.70	.65 .83 T	.56	.02							76]	.20 .16 .32 .44	.30				.13 1 .40 .28 .40	1.00 1 .13 .20 .23 .43	.43	.10		3.1F 2.87 3.01 4.14
HIGHENT HOME HIGHENT HOME HIGHENTHOMER	~	05	31 07 27			T .12	,				.32 .02 .73	.08	.68 .89 .12	.26							T 6-1		T		.24	1	3	1.70	.26 1	.59		5.73 6.10 3.41
HUNTSVILLE CUBSTA HUNTSVILLE BYTOP LACKSON JUGALS JACKSON LLIE		. 03	12 14 49	.01	.41 .91 .06	.44				т	.04 T	.02	.74 .03 2.78 .73	.02						Ī	12 03 02 40	.25 .06 .41	Т				.09 1.19	,37 .56 1 .65	.32 .02 2	.80		3.25 3.90 7.84 3.94 3.87
TARTHAN TAM IN FAVETTE TAY TAM 7 SARIES INFERENCE	1.7		13 22 12 22 18	.03 T	.28 .50 .20	.04					.17 .26 .10	.17 1.24 .37	.33	.61	Г						•	.42	.10		.98 .75 T		.40	.46 1 .27 .08 2	.47 2 • 5 .67	.17 .16 .89		7.47 8.67 6.62 4.64 5.29
LICENO 1 LICENO 1 LICENO 1 LICENO 1 LICENO 1			15		.13	.02				٠	.32	.05	.27 .02 .05								114 114	.50 .51 1 .05 1	.84	.12	.03	,	1	.10 T 1 .48	.39 .15 3 .17 1	.48 .43 .30 .69	1	11.39 4.09 3.36 4.89
EXE NO 17 RATES N WAGFILLA WAGGILA WAGGILA WAGGILN . MILE SSE 7 MARIN TACTIN	.02	(14)	04 11	.09	.30 .82 .32 .17 .31	.34	02			.03	.02	.03 .85 .04	.03							.04	09	.05 .14 .10	.08		т	1	.40 1	.58 .78 1 .79	.33 .34 1 .60	.43 .05 .28 .02 .30		2.55 4.48 5.36 3.73 3.31 2.77
MARTIN DAY MARTIN DAY MIDMAN MITTER FERRY			12 09	.24	.30	.08					.20 .15 .33 1.29 .91 .26	.18 .30 .07 .70	.01							r 1 F	.09	.04 .39 1 .12	. 10	.36	.03	.10 1	1.55	.16 1 .47 1 .36	.75 2 .19	.01		5.76 5.76
WILSTELL DAW MOBILE WE ALREAD	,04	02	72 20 12		.32	T				.50	.92	.36	.43				.01			.22 4	.06	.11 .	16		.44	1		.70 3 .86 2	.00 4	.08		9.95 5.92

										-							Day	y of n	onth		'													78
Station	-	1	2	3	4	1	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
MONTE SANO MONTGOMERY WB APT MONTGOMERY WB CITY	Z Z R		.08	.15	. 1	0	.50 .28 .25 .34	.47				.53	.92	.06		.05						.07	4.16 .03 .02 .04 .01	2.02 .30 .03 .02 .21		.12 .15 .21			.48 .15 2.32 1.40 .35	.40	1.17 1.01 1.48 1.01	T .45 .16 .10 .14		10.69 4.55 5.55 4.18 2.76
MUSCLE SHOALS NEW BROCKTON NEWBURG NEW MARKET NEWTON			.03 .13	.23			.42 .09 *	.67					T 1.09	.07 .95 .04 2.04	. 44							.02	T .10 01	.17 .45 .20 .14	T . 26	.01	[.		.07	.78	.42 2.26 .10 2.18 1.06			1.78 5.60 2.58 5.51 6.32
ONEONTA ORRVILLE OZARK PAINT ROCK PALMERDALE	R	.46	. 09	.17			.48 .41 .49 .98	.15				.80	.28		1.00							.02	* .35	.21 .60 .09					.60 .82 .15	.09	.32 1.16 .45 1.05	.42 .55 1.65 .15 .65		4.12 3.29 7.20 4.01
PERRYVILLE PETERMAN I PICKENSVILLE PINE HILL PINE LEVEL I		-	,02	.05	.1		.31 .08 T	-	-	-	-	.05	* 1.17 .10 - .40	T	_	-	-	_	_	_	_	.06	.19	1.35 .23 .19	.71	. 22	. 22		.22	1.03	.73 2.27 .17 .56 1.60	.20 .34 .30 .69		6.24 2.25 5.70
PLANTERSVILLE PLEASANT HILL PRATTVILLE PRIMROSE FARM RED BAY	R	-	. 08	- 22			.18 .19 .33 .30	.24 .05 T					.32 .29 .21 .32	,28	.48 .11 .17 .71 .80		.03					.03	.05 .08 .07	.04	.05		. 45		1.18	1,30 ,13 1,53 1,82 ,53	1.82	.20 .02 .23 .45 .32		4.71 5.25 3.97 2.30
REFORM RIVER FALLS RIVER FALLS 2 MI NE ROBERTSDALE 7 MI E ROCK MILLS	1	.13	.08	.21	.4	2	.25	. 13	-	-	_	-	T - 2.76			-	_	-				.43	.15	.25 .33 2.00 2.53 .35	2.73	Т			.38	.74	1.96	.13 2.19 .70 1.15 2.22		2.53 8.83 9.81 8.72
SAINT BERNARD SAND WIN STA FRM APT SAYRE SCOTTSBORO SCOTTSBORO SUBSTATION			T .05	.10		1	. 66 . 34 . 05 . 52	.27					. 05	1.00 .13 1.00 .03	.36	.03							T .42 .01 .28 .03	.32 .09 .09 .31		т	.07		.48 .50 .19 .75		.45 .67 .70 1.60 1.40	.23 .20 .44 .10		2.59 4.96 3.59 6.05 6.57
SEALE 7 MILES WAW SELMA SHEFFIELD TVA MRSY SHOEMAKER SPRINGS SLOCOMB				.27 .10 T			. 46 . 44 . 84 . 26	.06					.87 .32		.47 .32 .28	.32							.05	* T .28 .30	.17		1.18		.02		2.25 .90 .10 *	5.80 .37 .36 .58 1.79		11.51 5.73 1.86 2.66 8.79
SNOW HILL SOUTH HILL SPRING HILL SWAIM SYLACAUGA		.02	-	.17	.0		.30	.63 .35 .73				.13	.40	1.67	1.42					т	.06	.09	,03 ,29 T	.37 3.52 .23	. 24 . 08 2.43		. 16		.15	.59 .25 1.08 1.08	.96 .11 1,20	1.24 .31 1.42 .75 .84		3.25 4.23 - 5.64 4.82
SYLVANIA TALLADEGA TALLADEGA HORN MTN TWR THOMASVILLE THORSBY I MILE SW R			.03 T	.07	.0		.21 .28 .37 .37	.54				T .06		1,58	2.08 .36 .32 .08 .03								.49 .24 .10	.88 .02 .22 .20	.71	.04			.50 .45 .94	.25 .35 1.07 1.16 .13	2.00 1.65 .58	.51		6.42 5.67 6.19 4.09 5.55
THURLOW DAM TIBBLE 2 MILES S TONEY R TRAFFORD Z TROY Z		.12	.02	.09	.1		.36 .60 .70 .40	.10					.07	.52 .55 1.48	.66								.05	1.30 .08 .21 .15	.02	.09	. 64		.65	.86 .64 .90	2,90 .73 .42 .20 2.42	.81 .10 .50		8.83 5.80 4.37 3.12 6.78
TUSCALOOSA AIRPORT TUSCALOOSA LCK DAM TUSKEGEE UNION SPRINGS UNIONTOWN		.08	T	. 25 . 30 . 03	.0		25 25 55 61	.06				.13	.02 .10 .50 .65	0	.17 .15 .40 .25 .23	.03						T	.01 .01 .24 .38	.15	.11 .20	.70	.08		.58	1.20	.61 1.25 6.00 3.61	.69		3.92 3.52 10.40 9.19 4.11
UNIVERSITY VALLEY HEAD VANCE R VERNON WADLEY				.07	.0		. 50	.06				.10		.04	.16 .60 .80 .31	, 15						. 64		.10	. 50				1.20	. 69	.90 1.02 .35 *	.24 .40 .36 *		3.59 2.87
WALLACE WALNUT GROVE WEST BLOCTON WESTUMPKA WHATLEY			.02 .10 .02 .01	. 22	. 2	n .	. 24 . 30 . 31 . 32 . 33	.02	. 04	. 23			1,07 .28 .36	.21 .31 .35	1.10 .14 .39 .01	Т							T.18	1.01 .15 .02 .26	. 04		.14			.43 42 .11 1.50	.04 .30 .94 1.83	.90 .48 .21 1.61 .77		5.42 3.20 7.50 3.17
WHEELER DAM WILSON DAM WILSON DAM YINFIELD 2 MILES SW YYTES HYDRO PLANT YOUNGS STORE				.08 .02 .08 .10	.0	3	.15 .17 .36 .27	.35 .25 .07 .05					T .01 .09	.03 T	.31 .37 .49 .32	.01							T 02	. 20 58 . 08 . 02 . 42			07		.04	.52 .18 .10 .78 \$.08 .02 .16 2.76 .70	.46 .32 .19 2.44 .80		2.23 1.97 2.30 7.25 3.67

Station	,				A.)	4. Hou	r end	ng					,				P.	M. Ho	ur end	ing	1 ,	7		
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
ORT MORGAN // DELLE WB AIRPORT 6 LEASANT HILL IVER PALLS 2 MILES NE	:	-	ī	ī	-	-	:	-	-	Ī	-	-ls	-		-			-	-				.01	.08
BBEVILLE TMORE STATE FARM ELGREEN EXAR 2 MILES SE				.01	.03	. 03						-20	d-						.01	. 15	.03		.01	.01
MPBELL VITHOR CAA AIRPORT VRT MORGAN // VRDEN CITY VEENVILLE NO 2 VNTERSVILLE REC	,19	.02	.01	.05	.04	,01	Mad			,02	.01	.12	-	-	-	ī		-	.05		01		.02	.01
NTSVILLE 6 GNOLIA DMAY BILLE WB AIRPORT 6 BILE WB CITY NTGOMERY WB CITY WB CITY	.04	.02	*	.04	.02	.01	.06	*	*	* .02	* .02	*	, 05	*		٠			.01	*			,	
W BROCKTON TERMAN OY			.01	.06	.04	.02			.02			-30	d-											
DISON NISTON WB AIRPORT 6 HLAND // MORE STATE FARM BURN SCS 10 LOREEN	.01	.09	.01		.04 .05 .01	.05 .05	.01		.01	*		.01	.02											
IXAR 2 MILES SE RMINGHAM WE AIRPORT AZ DEVILLE NO 2 TAW LOCK NO 7 AT ROCK RT PAYNE	.01			.08 .03 .01 .04	.02 .05 .03	.07	.01	.06	.01															
EENVILLE NO 2 NTERSVILLE REC LETVILLE NTSVILLE OKSONVILLE OKSONVILLE Y DAM	.02	.01	.02	.01	.05	.08	.03			.02														
DMAY BILE WB AIRPORT 6 NTGOMERY WB AIRPORT 6 NTGOMERY WB CITY SCLE SHOALS 6 INT ROCK	.08		.02	.03	* .02	,04	.12	.16	.04	.01	æ		.11											
TTERMAN LEASANT HILL LORSBY 1 MILE SW DNEY LAFFORD LOY LIVERSITY	-	.06	-	.01 -04 .03 .04	.02	.02	.01	-	-	.01				.01										
RNON		.06	.01							.01		-4 t	h-							.05	.06	.08		.06
INISTON WB AIRPORT 6 HHAND // MORE STATE FARM BURN SCS 10 RRY RMINGHAM WB AIRPORT																	.01	.03	.04	.02	.02	.01	.01 .01 .03	.01 .04 .02
MPBELL DEVILLE NO 2 THAN CAA AIRPORT TAW LOCK NO 7 RT MORGAN // RENVILLE NO 2 RTHERSVILLE REC														*		*	•	.01	.01	.03	. 19	.02 .36	.02 .02 .08 .03	.01 .01 .01 .01
CKSONVILLE Y DAM GNOLIA RION 1 MILE SSE DWAY BILE WB AIRPORT 6 BULE WB CITY														*	*	* .01	.08	.05	.18	.03	.04	.01	,63 ,61 ,61	.01
NTGOMERY WB AIRPORT 6 NTGOMERY WB CITY W BROCKTON TERMAN ORSBY 1 MILE SW AFFORD																	.01	.01	.01	.06	03 .07 .04	.03	.02	.01 .02 .02
OY SICCALOOSA AIRPORT 6 IVERSITY BEVILLE	. 01	.01										-5t	h-							.04	•	.01	02	, 01
DISON WB AIRPORT 6 HILAND // MORE STATE FARM BURN SCS 10 LGREEN	.01	.01	.07 .01 .06 .19	.07	.01 .32 .01 .04	.07 .01 .01 .03	.02		.05	* (1-1	.01	•	.01	*	٠		٠	.06	.01					
RRY XAR 2 MILES SE RMINGHAM WB AIRPORT AZ. MPBELL DEVILLE NO 2	.01 .03 .03 .08 .01	.04 .05 .09	.14 .01 .08 .10 .01	.03 .01 .10 .03	.03 .01 .02 .04	.02	.08	.15 .01 .10 .16	.01 .04 .15		.01		.02	.02	.01					.01				
TAM LOCK NO 7 AT ROCK RT PAYNE REENVILLE NO 2	.02	.01	.04 .04 .03	.01	.01	.03	.02				.01				.19	.08	.03							

Table 4-Continued	,	-	-			110	OIL						101	4										APRI	L 1949
Station					A.1	M. Ho	ır endi	ing									P.	М. Но	ur end	ing					78
Station	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
GUNTERSVILLE REC HALEYVILLE HUNTSVILLE 6 JACKSONVILLE LAV DAM MAGNOLIA MARION 1 MILE SSE MIDWAY MOBILE WB AIRPORT 6	.03 .02 .01 .03	.03 * .01 .02 .01 .05	.03 * .02 .01	.04 * .06 .02 .01	* .04 .03	.02	.09	.08 .05 * .01	.05	*		.01	.40	*	* .02	*	*	*	.11		.01				.88 .41 .33 .15 .17 .23 .26
MONTGOMERY WB AIRPORT 6 MONTGOMERY WB CITY MOULTON MUSCLE SHOALS 6 NEW BROCKTON PAINT ROCK PETERMAN PLEASANT HILL THORSBY 1 MILL SW	.02	* .01 * .02 .03 .01 .01	* .01 .01 .09 .05	* .01 .07 .01 .11	.02 .11	.08 * .01 .05	.20 .20 .13	.21	.01 .02 *	.02	*	*	.01	.09											.25 .34 .09 .98 .08 .19
TONEY TRAFFORD TROY TUSCALOOSA AIRPORT 6 UNIVERSITY VERNON	.03	.02 .34 * .08	.05	.03	.02 .01 .02 *	.08 .01 .05 *	.11	.12 .07 *	.08 .05 .01		.04	*	.06	.02											.70 .50 .46
GARDEN CITY MOULTON	-	-	-	-	-	- 1	.19					-6i				5									.19
LOCK NO 1 //						-	-	-	-	-	~	-91	th- - th-	-	-	-	-	-	-	-	ved	_	_	- 1	-
ATMORE STATE FARM CAMPBELL EUTAW LOCK NO 7 FORT MORGAN // MAGNOLTA MOBILE WB AIRPORT 6				.01				.01				-10	m–			.01	.01	.01		.03	.01	.01	.03 .49 .01	.02	
MOBILE WB CITY PETERMAN THORSBY 1 MILE SW TUSCALOOSA AIRPORT 6 UNIVERSITY								*	*	* .01	*	-11	.01 th –	*	* .02	.05	* .01	*	.09	.01	.04	*	.10	. 25	.53 .05 .06
ABBEVILLE ANNISTON WB AIRPORT 6 ASHLAND // ATMORE STATE FARM AUBURN SCS 10 BEXAR 2 MILES SE	.27	*	* .02 .27	.01 * .05 .27	.14 * .22 .11	.12 * .04 .01	.17 .02 .01	.02			.02	.01	.02	* .01	* ,02	* .01	*,	*	.06	.02	.01	.01		1	.44 1.23 .30
BIRMINGHAM WE AIRPORT CAMPBELL DADEVILLE NO 2 DOTHAN CAA AIRPORT EUTAW LOCK NO 7 FORT MORGAN //	.01	.04	.04	.04 .19 .01	.04	.01 .02 .32	.19	.01				.01	.04	.01	.01		.01	.04						.05	.01 .11 .19 1.00 .01
GREENVILLE NO 2 HUNTSVILLE 6 JACKSONVILLE LAY DAM MAGNOLIA	.03	.06	.30		.17	.07		*	*	*	*	*	.03	* .01	* .01	*	*	*	.01			.01		.01	.02 .12 .14
MARION 1 MILE SSE MIDWAY MOBILE WB AIRPORT 6 MOBILE WB CITY MONTGOMERY WB AIRPORT 6	.03	.07	.04	.01	.08	.24	.07	.01						*	*	*	*	*	.01	.09	.01	.19	.13	.02	.15
MONTGOMERY WB CITY NEW BROCKTON PETERMAN PLEASANT HILL THORSBY 1 MILE SW	.19	.33	.17 .01 .27 .20	.03 .03 .24 .05	.01 .26 .14 .04	.04	.07		1						.09	.05	.01	.04	.06	.01		.03			.25 1.09 1.17 .29
TONEY TROY TUSCALOOSA AIRPORT 6 UNIVERSITY	.03	*	*	* * ,01	*	* * .01	.66					-12	.07 Lb_		}				.18	.02	.04	.03	.02	.14	.07
ABBEVILLE ADDISON ANNISTON WB AIRPORT 6 ASHLAND // AUBURN SCS 10 BELGREEN BERRY		*	*	.14 * .20 .08	*	.31	.12	.12 .06 *	.01	.01		.02		* * .01	* .04	.17	*	* .03 .47	.50	* .04	* .02	* .01	* .01 .02	.01	.96 .35 .79 .71 .60
BEXAR 2 MILES SE BIRMINGHAM WE AIRPORT BOAZ CAMPBELL DADEVILLE NO 2 BOTRAN CAA AIRPORT FUTAW LOCK NO 7	.01	.01	.07	.01	.02	.01	.01 .52	.01	.02	.01 .35 .02	.75 .25	.01 .01 .26	.01 .06 .01	.09	.46	.29	.02	.06	.01	.01	.01	.01	.01	.01	.14 1.23 1.54 .02 .59 1.45
FLAT ROCK PORT MORGAN // FORT PAYNE GARDEN CITY GREENVILLE NO 2 GUNTERSVILLE REC HALEYVILLE	,07	. 04	.03				.01			.01	.01 .10 .20	.10 .06 .01 .13	.04 .05 .05 .03 .40	.15		.01	.01	.30	.10	.10	.03			.23	.78 .14 .90 .30 .56 .83
HUNTSVILLE 6 JACKSONVILLE LAY DAM LOCK NO 1 // MAGNOLIA	01	-	-	.18	.10	.08	.01	.01	.01	.01	,01			.01	*	*	* ,19	.57	.53	,06	,01	* .05	.01	.05	1.18 .50 - .01
MARION 1 MILE SSE MIDWAY MOBILE WB AIRPORT 6 MOBILE WB CITY MONTGOMERY WB AIRPORT MONTGOMERY WB CITY	,01	* .23 * .03	.01	.05 * *	.13 * * .01	* *	.04	*	*	*	*	*	.02	*	* .22	.11	*	*	.02	*	.15	.03	.11	.01	.70
MOULTON MUSCLE SHOALS 6		.00	.07	,02		. 0.1	. 02	.01			.02		.03	*	.06	.02	*	*	.07	.03	1	. 02			.13

See reference notes following Station Index

ALABAMA APRIL 1949

Station			Y	-	- v		u endi	Ţ		- 1	T						1	3, 2100	ur endi	-9				
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
N BROCKTON	.03	.10	.08	28	.28	. 13	.01		.04			10	.21		. 19		.01	. 19	.18					
ERMAN EASANT HILL		.01	.08	.01						4			*	*			*	*			٠			
DRSBY 1 MILE SW						.19	.03	27	.07	.01						.18	. 10	. 42	, 58	.14	.06	.01		.06
FFORD Y	.09	.09	.08	.14	.01	.03			.02	.17	.26	.02	.03				.09	.01		, 06				
SCALOOSA AIRPORT 6			٠	*	*		.03	.04	.01	.01										, 00				
RNON												10	. 1										.01	.01
DISON	.01	.01		.10	.01	.01					-	-13	th-	•										
HISTON WB AIRPORT 6	.23	.01	. 10		.03	* 1	.32		*		*		.02											
GREEN			.02	.01	.06	.01	.01	.03	.03															
AR 2 MILES SE MINGHAM WB AIRPORT		.03	.08	.08	.04	.01	.01	.01		.01														
Z EVILLE NO 2	.05	.01			.02		.01	.01	1		.02													
T ROCK NO 17		.07	.05	.01			.02																	
T PAYNE DEN CITY	.01	.01			. 05																			
EYVILLE TSVILLE 6			.14		.02	.03	.02	*	*	*	*		.01											
KSONVILLE DAM	.01	.01	.04	.02		.01		.01								.01					.05			
TGOMERY WB AIRPORT 6	.03	.08	.05	,03		.01	. 24																	
CLE SHOALS 6 NT ROCK		*	*	*	*	. 05	.02																	
ASANT HILL PRSBY 1 MILE SW	.01	,02	*	*	4	.11																		
FFORD CALOOSA AIRPORT 6		*		.01	.04	٠	.17					.02												
VERSITY NON	.06	.04	.01	.05	.15	.03	.03			.01														
											_	-161	h-											
YER FALLS 2 MILES NE	-	-	-	-	-	-	-	-																
											_	20	h-											
ORE STATE FARM PBELL																	.05	.01	.05					
T MORGAN // K NO 1 //													.01			.02	.03	.03	.01					
NOLIA NILE WB AIRPORT 6														٠	*	*	*	*	.01	.01	*	.01	*	.01
ILE WB CITY TGOMERY WB AIRPORT 6																.01	. 11	.21	.04		*	*	*	
TGOMERY WB CITY BROCKTON																	.01	02	.01	.03	.02			
CASANT HILL												01						.03	.03	.03				
											-	-21	st-											
ISON ISTON WB AIRPORT 6								*	.12		*	.01		٠					.02	.06		.01		
ILAND // IORE STATE FARM			.01	.01	.01			.03	.01	.07	.04	.05	.02		,		.15	.17	.16	.16	.20			
URN SCS 10 GREEN							.02	.01	.02	.01	.02								.01				.04	
RY AR 2 MILES SE															.01	.01		.03					.01	.02
MINGHAM WB AIRPORT						.03	.01	.03	.14	.10	. 04	.10	.03											
PBELL EVILLE NO 2	.03					.01	.01	.01	.06	.01		.03			.01		.01		.13	.01				.02
HAN CAA AIRPORT T ROCK							.02		.01	.01		.05	.01	.10	,01	,01	.12			-			.01	.01
T MORGAN // T PAYNE								.01	0.4	.01	,03	,20	,06	.06	,02		.02	.03	.16	.93	.11	.01		
DEN CITY ENVILLE NO 2								.01	.04	.05	00	0.0	.02	.02		.02					. 03	.01		
FERSVILLE REC								.05	.01	.01	.08	.08	.07				.01	.01	.12	.01		.12		
TSVILLE 6 KSONVILLE		0.3			.01	.01	.01	.02	.02	.04	. 22	.01	.07	.01				011	0.1	0.3		Ì	Ť	Ť
NOLIA ILE WB AIRPORT 6	.01	,01						*	٠	*	*		.02	.03	* ()?	*	0.0		.01 3.71 2.03	,01	4		٠	
ILE WB CITY IGOMERY WB AIRPORT 6	.07		*	*	.01		.02	0.2							.02		. 28	1,00	2.03	.16	.01			
TGOMERY WB CITY LTON BROCKTON					.01			.03		.01					.08	.01	.01							
DROTATOR												.17	.03	. 03	.01		, 01		.04	.07	. 04	.11	.02	1
NT ROCK								.02	.03	.01				.06	.03	.01				.01	.02	.02		-
TT ROCK ERMAN ER FALLS 2 MILES NE					.02		.03	.04		.01	.01	.01			.01	.01								
WT ROCK CRMAN ERF FALLS 2 MILES NE SBY 1 MILE SW							.02	.01	.02		.01				.05		.01							
NT ROCK ERMAN ER FALLS 2 MILES NE RSBY 1 MILE SW FFORD Y				.01		.01																		
NT ROCK ERMAN ER FALLS 2 MILES NE RSBY 1 MILE SW EY FFORD CALOOSA AIRPORT 6 VERSITY		•									_	-22												
NT ROCK ERMAN ER FALLS 2 MILES NE RSSBY 1 MILE SW EY FY FOORD Y CALOOSA AIRPORT 6 VERSITY NON		•											~											
NT ROCK ERMAN ER FALLS 2 MILES NE RSBY 1 MILE SW EY FY FOORD Y CALOOSA AIRPORT 6 VERSITY NON		•						.04							.01	.10	.09	. 04	.02	.02				
NT ROCK ERMAN ER FALLS 2 MILES NE 83BY 1 MILE SW EV FOR FOORD FOOD FOORD FOORD EVILLE ISON REMAIN FOR FOR FOR FOR FOR FOR FOR FOR FOR FOR		.01	.03	, 05	.02	.02		.04					.37	.99	.12		.09		.02	.02				.01
NT ROCK ERMAN ER FALLS 2 MILES NE RSBY 1 MILE SW EY FY FOORD Y CALOOSA AIRPORT 6 VERSITY NON EVILLE ISON ORE STATE FARM GREEN RY	.10	.01	.01	.01	.01	.01:	.03	.04					.37	.99						.02				.01
NT ROCK ERMAN ER FALLS 2 MILES NE RSBY 1 MILE SW EY FOORD Y CALOOSA AIRPORT 6 VERSITY NON EVILLE ISON ORE STATE FARM GREEN RY AR 2 MILES SE MINGHAM WE AIRPORT		.01	.01	.01	.01	.01	.03	.04	ı	.01			.37	.99						.02				.01
NT ROCK ERMAN ER FALLS 2 MILES NE RSBY 1 MILE SW EY FPOORD Y CALOOSA AIRPORT 6 VERSITY NON EVILLE ISON ORE STATE FARM GREEN RY RY AR 2 MILES SE	.01	.01	.01	.01	.01	.01:	.03	.04		.01	.02	.01	.37		.12		.01	.01		.02	.01			.01

Station	,	_		Т	A. I	M. Hot	ur end	ing			1		т			- 1	P. N	a. Hou	ir endi	ng				
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
LAT ROCK ORT MORGAN //	.28	.03			.12	.09	.01		.01			.02	. 10	.09	.10	.05	.01							
RT PAYNE EFNVILLE NO 2		.01		.11								.01		.07	.03									
TERSVILLE REC	.01	.01	.04	. 11	.08	.02						.02			.03						.04	.02		
TSVILLE 6	.05		*	*	٠	*	.06	.07	.01															
CK NO 1 //		*	*	*	*	٠	*	*	*	*	*	*	*	*	*	*	*	*		.28			.01	
NOLIA NION 1 MILE SSE							.15	.02		.52						.01		.01						.01
WAY ILE WB AIRPORT 6	. 27							*	,03	*	*	. *	2.97	.08	*		.01		.14					
BILE WB CITY TOMERY WB AIRPORT 6										. 05	*	1.22	.56	* 01	.08	.03	.02		.01					
TGOMERY WB CITY		.03		.07			.11	.02																
CLE SHOALS 6 BROCKTON		*	*	*	*	*	.17	.01	.08	.01					.10	. 14	.06	.02	02	.01				
NT ROCK ERMAN	.01		.08	.01	.02					.01		74	.12	24	.14	,05	.01	.01	,					
ASANT HILL	,01				.02				0.4		24		.10	.05				.01						
ER FALLS 2 MILES NE RSBY 1 MILE SW						.04	.02		.04	.02	.24	.60	.11	.52	. 25	. 20	.02					.14		
IEY Y	.08								.04					.02	.11	.02	.03	.01						
CALOOSA AIRPORT 6 VERSITY		.03	.01	.03	*	.02	.14							*	*	*	*	*	.01					
NON	*	6	*	*	*	*	*	*	*	*	*	. 33												
											-	-23	3d-											
TERSVILLE REC	.03	.01																_	_	_	_		_	_
ER FALLS 2 LILES NE																	.01	.03	.01					
											_	-24	th-											
LAND // URN SCS 10															.03	.42	.03							
EVILLE NO 2 DAM															.11	.01	, 00	.04						
FOOMERY WE AIRPORT 6														*	*	*	*	W	.14	*	*	*	*	*
LTON							.02											.13	.08					
CLE SHOALS 6 RSBY 1 MILE SW		•	*	*	*	•	01									. 24	.04							
EY					.09							-25t	1.		- 5									
TGOMERY WB AIRPORT 6	.01											431	n-											
IGOMERT WB AIRPORT 6	.01											07	1											
77777												-271			0.3	0.3	0.0	0.0						
EVILLE				. 25	.16	.08					.01	.15		.06	.01	.01	.08	.02	.01	.03	.01			
ISTON WB AIRPORT 6 LAND //			*	*	•		.04	•	•	•	•	.01	.15	.07	.01	.10	.05	.061	.18	.01	.01	*	*	*
ORE STATE FARM																			. 55					
URN SCS 10																				.07	.01	.16		
URN SCS 10 GREEN		*	.01		.08	*		*	.12	.32	.05	.04		.02	.06			*	.10			.16	.01	.04
URN SCS 10 GREEN RY AR 2 MILES SE	٠	*		* .03	.08	* .05		* 05	*	.32	,05 *	.06	.03	.02		*	*	*	.10	.21	.23	.02	.06	.04
URN SCS 10 GREEN RY AR 2 MILES SE MINGMAM WB AIRPORT Z	٠	*	*	.03	0	* .05 .01		.05	* .06		.01	.06	.03	.02	.20	.04	* .06	* .65			.23	.02	*	.04
URN SCS 10 GREEN RY AR 2 MILES SE MINGHAM WB AIRPORT Z PBELL EVILLE NO 2	*		.02		.08			.05	.06	.04	*	.06	.03		.20	.04	.09	.01	.10	.21 * .01 .01	.19	.02	* .06 .01 .02	.04
URN SCS 10 GREEN RY AR 2 MILES SE MINOHAM WB AIRPORT Z POPELL EVILLE NO 2 WW LOCK NO 7 r ROCK	*	٠	.02		.08		.07	.05	* .06	.04	.01	.06	.03	.02	.20	.04	.09	.01 .29 .01	.10	.21 * .01 .01	.23	.02	* .06 .01	*
URN SCS 10 GREEN RY AR 2 MILES SE MINGHAM WB AIRPORT Z Z PBELL EVILLE NO 3 AW LOCK NO 7 T ROCK T MORGAN // T PAYNE	٠	•	.02		.08		.16		* .06 .14 .01 .01	.04	.01	.06	.03	.02	.20	.04	.09	.01	.10	.21 * .01 .01	.19	.02	* .06 .01 .02	.04
URN SCS 10 GGEEN RY AR 2 MILES SE MINGHAM WB AIRPORT 7 7 PBELL EVILLE NO 3 WM LOCK NO 7 T ROCK T MORGAM // T PAYNE DEN CITY	٠	*	.02		.08	.01	.16	,04	* .06 .14 .01	.04	.01	.06	.03	.02	.20	.04	.09 .28 .01	.01 .29 .01	.10 * .01 .02	.21 * .01 .01 .31 .37	.19	.02 * 1.18 .06 .04	* .06 .01 .02 .01	.01
URN SCS 10 GREEN RY RY RY RY RY RY RY RY RY RY RY RY RY	٠	٠	.02	.01	.08	.02	.16	.04	* .06 .14 .01 .01	.04	.01	.06 .11 .05	.03	.02	.20 .47	.04	.09 .28 .01	.01 .29 .01	.10 * .01 .02 .05	.21 * .01 .01	.19	.02	* .06 .01 .02 .01 .01	*
URN SCS 10 GREEN RY AR 2 MILES SE MINGHAM WB AIRPORT Z Z PBELL EVILLE NO 2 AW LOCK NO 7 F ROCK F T MORGAN // F PAYNE DENY LILE NO 2 ERSVILLE NO 2 EVYLLLE NO 2 EVYLLLE REC EVYLLLE 6	٠		.02	.19	.08	.02	.16	.04	* .06 .14 .01 .01	.04	.01	.06	.03	.02	.20	.04	.09 .28 .01	.01 .29 .01 .02 .05	.10 * .01 .02 .05	.21 * .01 .01 .31 .37	.19 .14 .01	.02 *1.18 .06 .04	* .06 .01 .02 .01 .01	.01
URN SCS 10 GREEN RY AR 2 MILES SE MINGHAM WB AIRPORT Z PBELL EVILLE NO 2 AW LOCK NO 7 F ROCK F T MORGAN // F PAYNE DEN CITY ENVILLE NO 2 EVYILLE NO 2 EVYILLE REC EVYILLE SSONVILLE DAM	٠		.02	.01	.08	.02	.16	.04	* .06 .14 .01 .01	.04	.01	.06 .11 .05	.03	.02	.20 .47	.04	.09 .28 .01 .02	.01 .29 .01 .02 .05	.10 * .01 .02 .05	.21 * .01 .01 .31 .37	.19 .14 .01	.02 * 1.18 .06 .04	* .06 .01 .02 .01 .01	.01
URN SCS 10 GREEN RY RY RY RA 2 MILES SE MINGHAM WB AIRPORT Z PDELL EVILLE NO 2 WW LOCK NO 7 T ROCK T MORGAN // T PAYNE DENT LILE NO 2 EERSVILLE NO 2 EERSVILLE REC EVYILLE SSONVILLE DAM K NO 1 // NOLIA			.02	.01	.08	.02	.16	.04	* .06 .14 .01 .01 .01 .09 .15	.04 .02	.01	.06 .11 .05 .02	.03 .15 .01	.02 .31 .03	.20 .47 .02	.04	.09 .28 .01 .02	.01 .29 .01 .02 .05	.10 * .01 .02 .05	.01 .01 .31 .37	.19 .14 .01	.02 * 1.18 .06 .04	.06 .01 .02 .01	.01
URN SCS 10 RREEN RY RY RY RY RY RY RY RY RY RY RY RY RY	٠		.02	.01	.08	.02	.16	.04	* .06 .14 .01 .01	.04 .02	.01.11.	.06 .11 .05 .02	.03 .15 .01	.02 .31 .03	.20 .47 .02	.04 .42 .02 .07 .04	.09 .28 .01 .02 .02 * .01 .06 .64 .88	.01 .29 .01 .02 .05	.10 * .01 .02 .05	.21 * .01 .31 .37	.19 .14 .01	.02 * 1.18 .06 .04	.06 .01 .02 .01	.01
URN SCS 10 GREEN RY RY RY RY RY RY RY RY RY RIPER RIPE			.02	.01	.08	.02	.16	.04	* .06 .14 .01 .01 .01 .09 .15	.04 .02	.01	.06 .11 .05 .02	.03 .15 .01	.02 .31 .03	.20 .47 .02	.04	.09 .28 .01 .02	.01 .29 .01 .02 .05 .10 * .05 .02 .25 .14 *	.10 * .01 .02 .05 .02 .02	.21 * .01 .01 .31 .37 .05 * .02 .04	.19 .14 .01	.02 * 1.18 .06 .04	.06 .01 .02 .01	.01
URN SCS 10 RENEM RY RY RY RY RY RY RY RY RY RY RY RY RY	٠		.02	.01	.08	.02 .10 .08 .07	.16	.04	* .06 .14 .01 .01 .01 .09 .15	.04 .02	.01	.06 .11 .05 .02	.03 .15 .01	.02 .31 .03	.20 .47 .02	.04	.09 .28 .01 .02	.01 .29 .01 .02 .05 .10 * .05 .02 .25 .14 *	.10 * .01 .02 .05 .02 .02 .04 .11 .01	.21 * .01 .01 .31 .37 .05 * .02 .04	.19 .14 .01	.02 * 1.18 .06 .04	.06 .01 .02 .01	.01
URN SCS 10 GREEN RY RY RY RY RY RY RY RY RY RIP RIP RIP RIP RIP RIP RIP RIP RIP RIP		٠	.02	.01	.08	.02 .10 .08 .07 *	.16 .27 • 10 .01 .60	.04	* .06 .14 .01 .01 .01 .09 .15	.04 .02	.01	.06 .11 .05 .02	.03 .15 .01	* .02 .31 .03 .04 * .01 * *	* .20 .47 .02	.04 .42 .02 .07 .04 .08 * .40 .06 .01 .27 *	.09 .28 .01 .02 .02 * .01 .06 .64 .88 * .04	.01 .29 .01 .02 .05	.10 * .01 .02 .05 .02 .02 .02 .42 .04 .11 .01 1.17	.01 .01 .31 .37 .05	.19 .14 .01 .03 .10 * .23	.02 * 1.18 .06 .04 .04 * .18 .01	.06 .01 .02 .01	.01
INN SCS 10 INT SCS 10 INT SEN SE AINCHAM WE AIRPORT "BELL "BELL "BELL "BELL "BELL "BELL "BELL "BELL "BELL "BELL "BELL "BELL "BELL "BECK "BOCK "		٠	.02	.19	.08	.01	.16 .27 • 10 .01 .60	.04	* .06 .14 .01 .01 .01 .09 .15	.04 .02	.01	.06 .11 .05 .02	.03 .15 .01	*.02 .31 .03 .04 * .01 * .09	* .20 .47 .02 .16 * .04	.04 .42 .02 .07 .04 .08 * .40 .06 .01 .27 *	.09 .28 .01 .02 .02 .01 .06 .64 .88 * .04 * .11	.01 .29 .01 .02 .05 .10 * .05 .02 .25 .14 * .08 *	.10 * .01 .02 .05 .02 .02 .04 .11 .17 1.41 .93 .28	.21 * .01 .01 .31 .37 .05 * .02 .04 .01 * .20	.19 .14 .01 .03 .10 * .23	.02 * 1.18 .06 .04	* .06 .01 .02 .01 .01 * .01 .01 * *	.01 .01 * * *.01
INN SCS 10 INT ENERN IT INT ENERN IT INT 2 MILES SE AINCHAM WB AIRPORT INTERPRETATION INTERPRETA			.02	.19	.08	.02 .10 .08 .07 *	.16 .27 • 10 .01 .60	.04	* .06 .14 .01 .01 .09 .15 *	.04 .02 .03 .01 .02	* .01 .1103 * .03 * .04	.06 .11 .05 .02 .02 *	.03 .15 .01	*.02 .31 .03 .04 * .01 * .09 .01	* .20 .47 .02	.04 .42 .02 .07 .04 .08 * .40 .01 .27 * .04	.09 .28 .01 .02 .02 * .01 .06 .64 .88 * .04 * .11 * .18 .02 .76	.01 .29 .01 .02 .05	.10 * .01 .02 .05 .02 .02 .04 .04 .11 .01 .17 1.41 .93 .28 .01 .27 .02	.01 .01 .31 .37 .05 * .02 .04 * .20 .01 * .20	.19 .14 .01 .03 .10 * .23	.02 * 1.18 .06 .04 .04 * .18 .01	* .06 .01 .02 .01 .01 * .01 .01 * *	* * * * * * * * * * * * * * * * * * *
INN SCS 10 INT SCS 10 INT SEN 19 INT SCS 10 INT 2 MILES SE II NOHAM WB AIRPORT 7 INT SCS 10 INT SCS		٠	.02	.19	.08 .02 .06	.01	.16 .27 * 10 .01 .60	.04	* .06 .14 .01 .01 .01 .09 .15 * .03	.04 .02 .03 .01 .02 .08	.01	.06 .11 .05 .02 .02 *	.03 .15 .01	*.02 .31 .03 .04 * .01 * .09	* .20 .47 .02	.04 .42 .02 .07 .04 .08 * .40 .06 .01 .27 * .04	.09 .28 .01 .02 .02 .01 .06 .64 .88 * .04 * .11	.01 .29 .01 .02 .05 .10 * .05 .02 .25 .14 * .08 *	.100 * .011.02 .05 .02 .02 .04 .111 .01 .1.17 .1.41 .93 .28 .01 .27	.21 * .01 .01 .31 .37 .05 * .02 .04 .01 * .05 .05 .06 .07 .07 .08 .09 .09 .09 .09 .09 .09 .09 .09 .09 .09	.19 .14 .01 .03 .10 * .23 .01 *	.02 ** 1.18 .06 .04 .04 * .18 .01 *	* .06 .01 .02 .01 .01 * .01 .01 * .01 .01 .01	* .01 .01 * * .01 .01 .01 .01
RN SCS 10 RR SEN 10 RR 2 MILES SE HINCHAM WB AIRPORT "BELL "WILLE NO 2 WW LOCK NO 7 " ROCK " MORGAN // " PAYNE EEN CITY "NILLE NO 2 EERSVILLE REC "YVILLE DAW I NO 1 // HOLIA		٠	.02	.19	.08 .02 .06	.01	.16 .27 * 10 .01 .60	.04	* .06 .14 .01 .01 .09 .15 *	*.04 .02 .03 .01 *.02 .08	* .01 .1103 * .03 .04 *	.06 .01 .05 .02 .02 .02 .04 .20	.03 .15 .01	*.02 .31 .03 .04 * .01 * .09 .01	* .20 .47 .02 .16 * .04 * * .01 .38 *	.04 .42 .02 .07 .04 .08 * .40 .06 .01 .27 * .04	.09 .28 .01 .02 .02 .02 .06 .64 .88 .04 .11 .8 .02 .76 .02 .10 .8	.01 .29 .01 .02 .05 .10 * .05 .02 .25 .14 * .08 *	.10 * .01 .02 .05 .02 .02 .04 .11 .17 .1.41 .93 .01 .27 .02 .09 .09 .31	.01 .01 .01 .31 .37 .05 .02 .04 .01 .01 .01 .02	.19 .14 .01 .03 .10 * .23 .01 *	.02 ** 1.18 .06 .04 .04 * .18 .01 *	* .06 .01 .02 .01 .01 * .01 .01 .01 .01 .01 .01 .01 .01 .01 .01	.01 .01 .01 .01 .05
RN SCS 10 RREEN Y Y R 2 MILES SE INCHAM WB AIRPORT BELL VILLE NO 2 W LOCK NO 7 FOCK MORGAN PAYME EN CITY NVILLE NO 2 ERSYILLE REC YVILLE SVILLE 6 SONVILLE DAM NO 1 // OLIA NO 1 // OLIA NO 1 // E WB AIRPORT 6 GOMERY WB AIRPORT 6 GOMERY WB CITY TOR LE SHOALS 6 T ROCK RMAN SANT HILL R FALLS 2 MILES NE SBY 1 MILE SW Y FORD ALOOSA AIRPORT 6 ERSITY		.03	.02	.19	.08 .02 .06	.01 .022.10 .088.07* * .022* .16	.16 .27 ° 10 .01 .60	.04 .01 .24 *	* .06 .14 .01 .01 .01 .09 .15 * .03	*.04 .02 .03 .01 *.02 .08	* .01 .1103 * .03 * .04	.06 .11 .05 .02 .02 *	.03 .15 .01 .14 .20	*.02 .31 .03 .04 * .01 * .09 .01	* .20 .47 .02 .16 * .04 * * .01 .38	.04 .42 .02 .07 .04 .08 * .40 .06 .01 .27 * .04	.09 .28 .01 .02 * .01 .06 .4 .88 * .11 * .02 .76 .02 .10	.01 .29 .01 .02 .05 .10 * .05 .02 .25 .14 * .08 * .08	.10 * .01 .02 .05 .02 .02 .04 .11 .01 1.17 1.41 .93 .28 .01 .27 .02 .09 .09	.01 .01 .31 .37 .05 * .02 .04 * .20 .01 * .20	.19 .14 .01 .03 .10 * .23 .01 *	.02 ** 1.18 .06 .04 .04 * .18 .01 *	* .06 .01 .02 .01 .01 * .01 * .01 * .01 .01 .01 .01 * .01 .01 .01 .01 .01 .01 .01 .01 .01 .01	* .01 .01 * * .01 .01 .01 .01 .05
RN SCS 10 RR EN EN EN EN EN EN EN EN EN EN EN EN EN		.03	* .02 .02 .01 .14 *	.19	.08 .05 .05 .08	.01 .022.10 .088.07* * .022* .16	.16 .27 ° 10 .01 .60	.04 .01 .24 *	* .06 .14 .01 .01 .01 .09 .15 * .03	*.04 .02 .03 .01 *.02 .08	* .01 .01 .01	.06 .11 .05 .02 .02 .04 .20	.03 .15 .01	*.02 .31 .03 .04 * .01 * .09 .01	* .20 .47 .02 .16 * .04 * * .01 .38 *	.04 .42 .02 .07 .04 .08 * .40 .06 .01 .27 * .04	.09 .28 .01 .02 .02 .02 .06 .64 .88 .04 .11 .8 .02 .76 .02 .10 .8	.01 .29 .01 .02 .05 .10 * .05 .02 .25 .14 * .08 *	.10 * .01 .02 .05 .02 .02 .04 .04 .11 .01 .1.17 .1.41 .28 .01 .27 .02 .09 .09 .09 .09 .05	.01 .01 .01 .31 .37 .05 * .02 .04 .01 * .20 .05	.19 .14 .01 .03 .10 * .23 .01 *	.02 ** 1.18 .06 .04 .04 * .18 .01 *	* .06 .01 .02 .01 .01 * .01 * .01 * .01 .01 .01 .01 * .01 .01 .01 .01 .01 .01 .01 .01 .01 .01	* .01 .01 * .01 .01 .05 .05 *
URN SCS 10 RY RY RY RY RY RY RY RY RY RY RY RY RY	.01		* .02 .02 .01 .14 *	.19	.08 .02 .06	.01 .022.10 .088.07* * .022* .16	.16 .27 .10 .01 .60 .18 .05 .04 .01 .02 .	.04 .01 .24 *	* .066 .14 .01 .01 .09 .15 * .03 .04 .20 * .01 .09 .01	*.04 .02 .03 .01 *.02 .08	* .01 .01 .01	.06 .01 .05 .02 .02 * .04 .20	.03 .15 .01	*.02 .31 .03 .04 * .01 * .09 .01	* .20 .47 .02 .16 * .04 * .01 .38 * .01 *	.04 .42 .02 .07 .04 .8 .08 .8 .40 .06 .01 .27 .04 .05 .11 .01 .18 .39	.09 .28 .01 .02 .02 .02 .06 .64 .88 .04 .11 .8 .02 .76 .02 .10 .8	.01 .29 .01 .02 .05 .10 * .05 .02 .25 .14 * .08 *	.10 * .01 .02 .05 .02 .02 .04 .04 .11 .01 .1.17 .1.41 .28 .01 .27 .02 .09 .09 .09 .09 .05	.01 .01 .01 .31 .37 .05 * .02 .04 .01 * .20 .05	.19 .14 .01 .03 .10 * .23 .01 *	.02 ** 1.18 .06 .04 .04 * .18 .01 *	* .06 .01 .02 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01	* .01 .01 * .01 .01 .05 .05 *
URN SCS 10 RY RY RY RY RY RY RY RY RY RY RY RY RY	.01	.04	* .02 .01 .14 *	.10 .01 .02 .09 .03 .03 .01 .02 .01 .02	.08 .02 .06	.01 .02 .10 .08 .07 * .16	.07 .16 .27 . 10 .01 .60 .18 .05 .04	.04 .01 .24 *	* .066 .14 .01 .01 .09 .15 * .03 .04 .20 *	*.04 .02 .03 .01 *.02 .08	.01 .11.	.06 .11 .05 .02 .02 .04 .20	.03 .15 .01 .14 .20	*.02 .31 .03 .04 * .01 * .09 .01 .01	*.20 .47 .02 .16 *.04 * *.01 .38	.04 .42 .02 .07 .04 .08 * .40 .06 .01 .27 * .04 .05 .11 .18 .39 .53	.09 .28 .01 .02 .02 .01 .06 .64 .88 .04 .11 .76 .02 .10 .7602 .10	.01 .29 .01 .02 .05 .05 .02 .25 .08 * .08 * .08 .13 .17 .30 .01 .14 .14	.100 * .011 .022 .05 .022 .02 .422 .04 .111 .01 1.17 1.411 .293 .28 .011 .27 .02 .09 .31 .05 * .04 .03	.21 .01 .01 .01 .31 .37 .05 .02 .04 .0101010201010101	.19 .14 .01 .03 .10 .23 .01 .	.02 .02 .01 .02 .02 .01 .02 .02 .01 .02	* .06 .01 .02 .01 .01 .01 .01 .01 .17 * .04 *	* .01 .01 * .01 .05 .05 * * .01 *
INN SCS 10 INN SCS 10			* .02 .01 .14 *	.19	.08 .02 .06	.01 .02 .10 .08 .07 * .16	.07 .16 .27 .10 .01 .01 .60 .03 .04 .01 .02 .01 .02	.04 .01 .24 *	* .06 .14 .01 .01 .09 .15 * .03 .04 .20 * .01 .01 .01	*.04 .02 .03 .01 *.02 .08 *	.01 .11.	.06 .11 .05 .02 .02 .04 .20	.03 .15 .01 .14 .20	*.02 .31 .03 .04 * .01 * .09 .01 .01	*.20 .47 .02 .16 *.04 *.01 .38	.04 .42 .02 .07 .04 .08 * .40 .06 .01 .27 * .04 .05 .11 .01 .18 .39 .53 .8	.09 .28 .01 .02 .02 .02 .06 .64 .88 .04 .76 .05 .10 .06 .65 .00 .00 .00 .00 .00 .00 .00 .00 .00 .0	.01 .29 .01 .02 .05 .05 .02 .25 .08 * .08 * .08 .13 .17 .30 .01 .14 .14	.100 * .011 .02 .05 .05 .02 .02 .02 .04 .01 .11 .01 .1.17 .1.41 .93 .09 .09 .09 .05 * .04 .03 .14	.21 .01 .01 .31 .37 .05 .05 .04 .01 .01 .05 .01 .05 .01 .01 .02 .01 .02	.19 .14 .01 .03 .10 .10 .10 .10 .10 .10 .10 .10 .10 .10	.02 .02 .01 .02 .02 .01 .02 .02 .01 .02	* .06 .01 .02 .01 .01 .01 * .01 .01 * * .01 .01 .01 .01 .01 .01 .01 .01 .01 .01	* .01 .01 * * .01 .01 .01 .05 .05 * .01 .03 .03 .01
RN SCS 10 RR EN EN EN EN EN EN EN EN EN EN EN EN EN		.04	* .02 .01 .14 *	.19 .01 .02 .09 * .10 .03 .03 .01 .02 .01 .02	.08 .05 .08 .01 .03	.01 .02 .10 .08 .07 *	.07 .16 .27 .10 .01 .01 .60 .03 .04 .01 .02 .01 .02	.04 .01 .24 * .63 * .08 *	* .06 .14 .01 .01 .09 .15 * .03 .04 .20 * .01 .01 .01	*.04 .02 .03 .01 *.02 .08 *	.01 .11.	.06 .11 .05 .02 .02 .04 .20	.03 .15 .01 .14 .20	*.02 .31 .03 .04 .01 .09 .01 .01	* .20 .47 .02 .16 * .04 * * .01 .38 * .01 * .36 * .01 .22 .11	.04 .42 .02 .07 .04 .08 * .40 .06 .01 .27 * .04 .05 .11 .01 .1839 .5308 .14	.09 .28 .01 .02 .02 * .01 .06 .64 * .11 .02 .02 .10 .02 .00 .00 .00 .00 .00 .00 .00 .00 .0	.01 .29 .01 .02 .05 .01 .05 .02 .25 .14 * .08 .13 .17 .30 .01 * .14 .14 .16 .13	.100 * .011 .022 .05 .022 .02 .422 .04 .111 .01 1.17 1.411 .293 .28 .011 .27 .02 .09 .31 .05 * .04 .03	.21 .01 .01 .01 .31 .37 .05 .02 .04 .0101010201010101	.19 .14 .01 .03 .10 .10 .10 .10 .10 .10 .10 .10 .10 .10	.02 .02 .03 .04 .04 .04 .04 .04 .01 .02 .01 .02 .01	* .06 .01 .02 .01 .01 .01 * .01 .01 * * .01 .01 .01 .01 .01 .01 .01 .01 .01 .01	* .01 .01 * * .01 .01 .05 .05 * .01 .03
URN SCS 10 CREEN RY RY RY RY RY RY RY RY RY RY RHIGH SEE RINGHAM WB AIRPORT Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z		.04	* .02 .01 .14 *	.19 .01 .02 .09 * .10 .03 .03 .01 .02 .01 .02	.08 .05 .08 .01 .03	.01 .02 .10 .08 .07 *	.07 .16 .27 .10 .01 .01 .60 .03 .04 .01 .02 .01 .02	.04 .01 .24 * .63 * .08 *	* .06 .14 .01 .01 .09 .15 * .03 .04 .20 * .01 .01 .01	*.04 .02 .03 .01 *.02 .08 * * .01 * .02 .08 *	* .01 .1103 .04 * .01 .02 * .02	.06 .11 .05 .02 .02 .04 .20	.03 .15 .01 .14 .20	*.02 .31 .03 .04 * .01 * .09 .01 .01	*.20 .47 .02 .16 *.04 *.01 .38	.04 .42 .02 .07 .04 .08 * .40 .06 .01 .27 * .04 .05 .11 .01 .1839 .5308 .14	.09 .28 .01 .02 .02 .06 .64 .88 .04 .11 .02 .10 .02 .10 .02 .15	.01 -29 -01 -01 -01 -01 -01 -01 -01 -01 -01 -01	.10 * .01 .02 .05 .02 .02 .04 .04 .01 .11 .01 .1.17 1.41 .93 .28 .01 .27 .02 .09 .09 .09 .31 .05 * .04 .03 .14	.21 * .01 .01 .31 .37 .05 * .02 .04 * .20 * .01 * .01 * .01 * .01 * .01 * .01	.19 .14 .01 .03 .10 .10 .10 .10 .10 .10 .10 .10 .10 .10	.02 .02 .03 .04 .04 .04 .04 .04 .01 .02 .01 .02 .01	* .06 .01 .02 .01 .01 .01 * .01 .01 * * .01 .01 .01 .01 .01 .01 .01 .01 .01 .01	* .01 .01 * * .01 .01 .01 .05 .05 * .01 .03 .03 .01
URN SCS 10 GREEN RY RY RY RY RY AR 2 MILES SE MINGHAM WB AIRPORT Z Z PPELL EVILLE NO 2 AW LOCK NO 7 T ROCK T MORGAN // T PAYNE DEN CITY ENVILLE NO 2 TERSYILLE REC EVYILLE TSYILLE 6 KSONVILLE DAM K NO 1 // NOLIA LIE WB AIRPORT 6 LIE WB AIRPORT 6 LIE WB AIRPORT 6 LIE WB AIRPORT 6 THOMERY WB CITY LITON CLE SHOALS 6 NT ROCK ERMAN SASANT HILL ERF FALLS 2 MILES NE RSBY 1 MILE SW EV EVERSITY NON EVILLE LISON LISTON WB AIRPORT 6 CALOOSA AIRPORT 6 CALOOSA AIRPORT 6 LAND // ORE STATE FARM URN SCS 10 URN URN SCS 10 URN URN SCS 10 URN URN URN URN URN URN URN URN URN		.04	* .02 .01 .14 * * .17 .10 .01	.01 .02 .03 .03 .03 .02 .01 .02 .01	.08 .05 .08 .01 .03	.01 .02 .10 .08 .07 * .16	.07 .16 .27 .10 .01 .01 .60 .03 .04 .01 .02 .01 .02	.04 .01 .24 * .63 * .08 *	* .06 .14 .01 .01 .09 .15 * .03 .04 .20 * .01 .01 .01	*.04 .02 .03 .01 *.02 .08 * * .01 * .02 .08 .01 .01 .01 .01 .02 .01 .01 .00	* .01 .03 .04 * .01 .02 * .19	.06 .11 .05 .02 .02 .04 .20	.03 .15 .01 .14 .20	*.02 .31 .03 .04 .01 .09 .01 .01	*.200 .47 .02 .16 .04 .04 .01 .38 .01 .36 .01 .22 .11 .13	.04 .42 .02 .07 .04 .08 .08 .40 .06 .01 .27 .04 .05 .11 .01 .18 .39 .5308 .14 .32 .05	.09 .28 .01 .02 .02 * .01 .06 .64 * .11 .02 .02 .10 .02 .00 .00 .00 .00 .00 .00 .00 .00 .0	.01	.10 * .01 .02 .05 .02 .02 .04 .01 .01 .11 .01 .117 .1.41 .93 .28 .01 .27 .02 .09 .09 .31 .05 * .04 .03 .14 .11 .31 .02	.21 .01 .01 .31 .37 .05 .05 .04 .01 .01 .05 .01 .05 .01 .01 .02 .01 .02	.19 .14 .01 .03 .10 .10 .10 .10 .10 .10 .10 .10 .10 .10	.02 .02 .04 .04 .04 .04 .04 .01 .02 .01 .02 .01 .01 .01	* .06 .01 .02 .01 .01 .01 * .01 .01 * * .01 .01 .01 .01 .01 .01 .01 .01 .01 .01	* * * * * * * * * * * * *
URN SCS 10 GREEN RY AR 2 MILES SE MINGHAM WB AIRPORT Z PPELL EVILLE NO 2 AW LOCK NO 7 T ROCK T MORGAN T TROCK T MORGAN T PAYNE DEN CITY ENVILLE NO 2 TERSYILLE REC EVYILLE EVYILLE EVYILLE DAM NO 1 NOLIA ILE WB AIRPORT 6 ILE WB AIRPORT 6 ILE WB AIRPORT 6 ILE WB AIRPORT 6 ILE WB AIRPORT 6 ILE WB AIRPORT 6 ILE WB AIRPORT 6 ILE WB AIRPORT 6 ILE WB AIRPORT 6 ILE WB AIRPORT 6 ILE WB AIRPORT 6 ILE WB AIRPORT 6 ILE WB AIRPORT 6 ILE WB CITY INTO CLE SHOALS 6 NOT ROCK ERMAN ASANT HILL ER FALLS 2 MILES NE REBY 1 MILE SW EY FFORD CALOOSA AIRPORT 6 VERSITY NON EVILLE ISON ISTON WB AIRPORT 6 GREEN URN SCS 10 GREEN URN SCS 10 GREEN MINGHAM WB AIRPORT Z PPELL EVILLE NO 2		.04	* .02 .01 .14 *	.19 .01 .02 .09 * .10 .03 .03 .01 .02 .01 .02	.08 .05 .08 .01 .03	.01 .02 .10 .08 .07 *	.07 .16 .27 .10 .01 .01 .60 .03 .04 .01 .02 .01 .02	.04 .01 .24 * .63 * .08 *	* .06 .14 .01 .01 .09 .15 * .03 .04 .20 * .01 .01 .01	*.04 .02 .03 .01 *.02 .08 * * .01 * .02 .08 *	.01 .03 .03 .04 .01 .02 .02	.06 .011 .05 .02 .02 .04 .20 .03 * .111 * .17	.03 .15 .01 .14 .20 .01 .06 .29 .12 .08 .25 .01 .01	*.02 .31 .03 .04 *.01 * * .09 .01 .01	*.200 .47 .02 .16 .04 .04 .01 .38 .01 .36 .01 .22 .11 .13	.04 .42 .02 .07 .04 .08 .40 .06 .01 .27 .04 .05 .11 .01 .18 .39 .53 .08 .14 .32 .05	.09 .28 .01 .02 .02 .03 .01 .06 .64 .88 .04 .11 .18 .02 .76 .00 .10 .50 .00 .01 .00 .00 .10 .10 .10 .10 .10 .1	.01	.100 * .011 .02 .05 .05 .02 .02 .02 .04 .04 .11 .01 .1.17 .1.41 .93 .09 .09 .09 .05 .4 .03 .14 .11 .31	.21 * .01 .01 .31 .37 .05 * .02 .04 .01 * * .20 .01 * .01 .01 .01 .02 .01 .01 .01 .02 .01 .01 .01 .01 .00	.19 .14 .01 .03 .10 .10 .10 .10 .10 .10 .10 .10 .10 .10	.02 .02 .04 .04 .04 .04 .04 .01 .02 .01 .02 .01 .02	* .06 .01 .02 .01 .01 .01 * .01 .01 * * * * .01 .01 .17 * * * .04 * .02 .15 .03	* * * * * * * * * * * * *
UNN SCS 10 GREEN RY AR 2 MILES SE MINGHAM WB AIRPORT Z Z PRELL EVYILLE NO 2- AW LOCK NO 7 T ROCK T MORGAN // T PAYNE DEN CITY ENVILLE NO 2 TTERSYILLE REC EVYILLE E EVYILLE 6 KSONVILLE BARPORT 6 ILLE WB AIRPORT 6 ILLE WB CITY TEGOMERY WB AIRPORT 6 NT ROCK CLE SHOALS 6 NT ROCK ERMAN ASANT HILL ERF PALLS 2 MILES NE RSEY 1 MILE SW FY FORD CALOUSA AIRPORT 6 VERSITY NON EVILLE ISON EVILLE ISON BY FORD CALOUSA AIRPORT 6 VERSITY NON EVILLE ISON BY FORD CALOUSA AIRPORT 6 VERSITY NON EVILLE ISON BY FORD CALOUSA AIRPORT 6 VERSITY NON EVILLE BY FORD CALOUSA AIRPORT 6 VERSITY NON EVILLE BY HILLE BY FORD CALOUSA AIRPORT 6 VERSITY NON EVILLE BY HILLE BY HILLE BY FORD CALOUSA AIRPORT 6 VERSITY NON EVILLE BY HILLE		.04	* .02 .01 .14 * * .17 .10 .01	.01 .02 .03 .03 .03 .02 .01 .02 .01	.08 .05 .08 .01 .03	.01 .02 .10 .08 .07 * .16	.18 .05 .04 .01 .02 .04 .01 .02 .02 .01 .02 .01 .02 .01 .02 .01 .02 .01 .02 .01 .02 .01 .02 .03 .01 .02 .03 .03 .03 .03 .03 .04 .01 .02 .03 .03 .03 .03 .03 .03 .03 .03 .03 .03	.04 .01 .24 * .63 * .08 *	* .06 .14 .01 .01 .09 .15 * .03 .04 .20 .01 .01 .01 .01	*.04 .02 .03 .01 *.02 .08 * * .01 * .02 .08 .01 .01 .01 .01 .02 .01 .01 .00	* .01 .03 .04 * .01 .02 * .19	.066 .111 .055 .002 .002 .004 .200 .03 .03 .03 .03 .03 .003 .003 .003	.03 .15 .01 .14 .20	*.02 .31 .03 .04 *.01 * * .09 .01 .01	*.200 .47 .02 .16 .04 .04 .01 .38 .01 .36 .01 .22 .11 .13	.04 .42 .02 .07 .04 .08 .08 .40 .06 .01 .27 .04 .05 .11 .01 .18 .39 .5308 .14 .32 .05	.09 .28 .01 .02 .02 .03 .01 .06 .64 .88 .04 .11 .18 .02 .76 .00 .10 .50 .00 .01 .00 .00 .10 .10 .10 .10 .10 .1	.01	.100 * .011 .02 .005 .005 .002 .002 .004 .111 .011 .1.17 .1.41 .93 .009 .009 .005 .4 .003 .14 .11 .02 .001 .001 .001 .001 .001 .001 .	.21 * .01 .01 .31 .37 .05 * .02 .04 .01 * * .20 .01 * .01 .01 .01 .02 .01 .01 .01 .02 .01 .01 .01 .01 .00	.19 .14 .01 .03 .10 * .23 .01 * .4 .03 .20 * .20	.02 .02 .06 .04 .04 .04 .04 .01 .02 .01 .02 .01 .02	* .06 .01 .02 .01 .01 .01 * .01 .01 * .01 .01 .01 .01 .01 .01 .01 .01 .01 .01	* .01 .01 .01 .01 .01 .05 .05 .05 .01 .01 .03 .03 .01 .15

A M. Hour ending Station A. M. Hour ending P. M. Hour ending														L 1949											
					A.1	M. Ho	ur endi	ng									P. 1	М. Но	ır əndi	ing					
Station	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
FORT PAYNE GARDEN CITY GREENVILLE NO 2 GUSTERSVILLE REC RALETYILLE HUNTSVILLE 6	.03		.01	.01	.01	*	,01	*	.02		*	.09	.06	.01	.12		.11	.01	.01 .02 .07 .01	.10	.10		.01	***	.55 .02 1.00 .20 .10
JACKSONVILLE LAY DAM LOCK NO 1 // MAGNOLIA MARION 1 MILE SSE MOBILE WB AIRPORT 6 MOBILE WB CITY	.02	.02	.01 .01 .02 *	.01	.01	.01	.06	.01	.08	.04	.01			.01	.01	.26	.33	.42		.01	.30	.30	.03	.01	.19 .72 .46 .79 .02
MONTGOMERY WB AIRPORT 6 MONTGOMERY WB CITY MOULTON MUSCLE SHOALS 6 NEW BROCKTON PAINT ROCK PETERMAN	.91						.08					.01	. 22	.05	.01	* .01 .02	* .02 * .10	.09	.01 .18 .05	.10	.03	.04	.01	.10	.02 .63
PLEASANT HILL RIVER FALLS 2 MILES NE THORSBY 1 MILE SW TONEY TRAFPORD TROY	.07	.15					.01	.03	.01	.01		.01		.02	.10	.04	.02	.01	.01	.05	.05	.07	.01	.01	.13 .24 .13 .64 .31
TUSCALOOSA AIRPORT 6 UNIVERSITY ABBEVILLE	.01	.01	.01	.01	*	.03	.04	.01	.01	.01	_	.01 -29	th-	.01	.01	*	.03	*	.02	*	.23	.19	*	.01	.55
ADDISON ANNISTON WE AIRPORT 6 ASHLAND // ATMORE STATE FARM AUBURN SCS 10 BELGREEN BEXAR 2 MILES SE	.02 .05	* .17	.19	* .17 .20	* .08 .07	.15 * .09 .01 .30	.01 .31 .08	.01 * .01 .66 .31	.01 * .01 .02 .38	.27 * .05 .66 .06	.07 * .20 .22 .12	* .18 .04	.65 .11 .05 .22	* .04 1.21	.05	.10	.07	* .61 .02	.15	.01	.01	.09	.01		1.45 1.80 4.96 .38
BIRMINGHAM WB AIRPORT BOAZ CAMPBELL DADEVILLE NO 2 DOTHAN CAA AIRPORT EUTAW LOCK NO 7 FLAT ROCK	.01 .10 .12	.01 .20 .03	.23	.04	.07 .16 .14 .03	.05	.04	.02 .08 .01 .13	.04	.07	.03	.02 .01 .18 .01	.68	.11	.06	.29 .07 .03 .07 1.18	.33 .01 .02 .13	.03	.03	.01			.14	.30	.67 .92 1.18 2.38 2.09 .09
FORT MORGAN // FORT PAYNE GARDEN CITY GREENVILLE NO 2 GUNTERSVILLE REC HALEYVILLE HUNTSVILLE 6	.08	.06	.02	.01	.04 .01 .09	.29 .11 .03 .03	.07	.10	.05	.04	.08	.03	.01	.01	.01	.13	.01	.01	.09	.03	.44 .01 .01 .10	.08 .01 .01	.03	.22	.90 .88 .57 1.80 .17
JACKSONVILLE LLY DAW LOCK NO 1 // MAGNOLIA MARION 1 MILE SSE MOBILE WB AIRPORT 6 MOBILE WB CITY	.07	.54	.78	.01	.01 .01 .01	.03	.01	.08	.09	.02	.11	.17	.04	.06	.01	.06	.22 .56 .04 .01 *	.11 .09 .04 .01	.19	.07	.05	.04	.05 *	.03	.81 2.56 .77 .60 .31
MONTGOMERY WB AIRPORT 6 MONTGOMERY WB CITY MOULTON MUSCLE SHOALS 6 NEW BROCKTON PAINT ROCK	.38	* .14	* .09 * .05	* .01 * .01	* .03	* .02 * .05	.03 .02 .08 .07	* .27 .15 *	* .13 .01 * .12 .05	.02 .01 *	.07	*	.71 .18 .01 .35 .01	.17	.01	.13	.01	.01	.64	.02	.02	.02	.01	.02	1.01 .33 2.26 .45
PETERMAN PLEASANT HILL RIVER FALLS 2 MILES NE THORSBY 1 MILE SW TONEY TRAFFORD TROY	.03	.01	.01	.02	.01 .01 .22	.13 .01 .09 .08	.05 .09 .10	.21	.01	.01 .01 .01 .01	.02 .23 .01	.48	.03 .02 .01	.01	.06	1.02 .02	.01 .33 .02	.69	.10	.05 .51	.01	.01	.03	.01	2.27 1.82 1.96 2.07 .42 .59 2.76
TUSCALOGSA AIRPORT 6 UNIVERSITY ADDISON	.35	*	*	*	.02	.01	.03	.13	.30	.0,1	-	·30	:04 th—	.10	.23	.01	*	*	,53	*	.02	.01	*		.94
ANNISTON WB AIRPORT 6 ASHLAND // ATMORE STATE FARM BELGREEN BERRY BEXAR 2 MILES SE BIRMINGHAM WB AIRPORT		*	*	.01	.01	.02	.01 .07 .01 *	*,	.03	.06	* .01	.01	*	* .01	.80	.28 *	*	*	*	.08	.02	* .01			.09 1.21 .10 * .73 .02
BOAZ DADEVILLE NO 2 DOTHAN CAA AIRPORT EUTAW LOCK NO 7 FLAT ROCK FORT WORGAN //	.01	.01	.01	.02	.01	.01	.03		.01			.01	.01		.17	.02	.01	.02	.01	.01				.02	.02 .26 .04 .03
FORT PAYNE GARDEN CITY GREENVILLE NO 2 GUNTERSVILLE REC HALEYVILLE HUNTSVILLE 6	.01	*	.01	.01	.01	.01		*	.13		.02	.07	.01		.10					.06	.02	.01			.02 .06 .20 .10 .26
JACKSONVILLE LOCK NO 1 // MAGNOLIA MARION 1 MILE SSE MIDWAY MOBILE WB AIRPORT 6 MONTCOMERY WB AIRPORT 6	.04	.03	-		.01	-	.02	-04 - *	.02	.02	* *	* *	- .01 .05	.01	.17	.01	.71	1.16	.15	,04	.01	.02	.03	.02	2.16
MONTGOMERY WB CITY MOULTON NEW BROCKTON PAINT ROCK PITERMAN PLEASANT BILL	.04			.01	.01	.02	.01	.08		.02	.19	.04	.03	.11	.03	.03	,02	.08	.01						.10 .14 .05 .15 .34 .02
RIVER FALLS 2 MILES NE TONEY TRAFFORD TROY TUSCALOOSA AIRPORT 6 UNIVERSITY VERNON	.01 .02 .01	.02	*	*	.01	.07	.01	.01		.20	.19	.01	.01	, 08	.03	.01	.02	.00	.02	.02	.17	.01		.01	.10 .23 .11
1441001			-				See refe	TODCO D	otne (allowing	State	on Inda													

See reference notes following Station Index

DAILY TEMPERATURES

Table 5		_														Day	of mo	nth													71.		. 1949
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Avera
ALBERTVILLE 1 MILE S	MAX		59 42		60 44	62 46	69 32	74 54	74 50	75 54	76 42	72 48	67 55	70 50	78 49	76 47		68 33	70 42	62 37	68 38	68 53	74 52	78 52		80 47	82 58	80 53					71.4 46.9
ALEXANDER CITY 6 MI NE	MAX;	78 49	68 48	55 48	63 43	71 47	57 36	74 44	80 47	84 50	72 51	78 57	66 56	73 51	75 45	79 56	73 40	62 30	69 39	76 36	69 41	74 55	65 55	78 62	82 55	88 42	76 42	80 59	78 62	79 56	66 51		72.9 48.4
ANDALUSIA	MAX	78 56	75 52	74 51	75 50	70 48	64 44	75 53	81 58	84 58	84 57	77 58	75 61	77 48	76 54	80 60	78 44	65 42	75 48	80 47	72 52	74 63	70 63	69 61	83 60	85 57	78 57	81 60	85 64	84 65	78 61		76.7 55.1
ANNISTON WB AIRPORT	MAX MIN	64 47	58 45	62 45	67 45	57 41	74 40	80 45	84 44	72 47	76 54	67 59	72 53	67 52	80 46	69 44	58 34	70 31	72 48	66 39	71 37	64 54	78 57	82 59	84 52	77 43	83 47	70 59	73 60	61 49	73 51		71.0 47.6
ATMORE STATE FARM	MAX	75 56	70 54	66 53	68 50	66 53	75 49	82 55	82 59	85 59	79 57	73 59	71 63	76 50	80 55	75 62	78 44	72 39	81 54	76 50	72 52	70 61	70 64	80 63	85 61	84 60	79 59	83 62	78 64	75 64	78 61		76.1 56.4
AUBURN	MAX	75 50	69 47	56 48	60 43	69 49	57 39	71 47	77 48	81 50	76 54	77 53	64 58	71 48	70 48	77 56	73 40	60 31	68 44	75 42	70 45	74 54	69 54	76 62	81 59	82 49	74 50	79 57	82 61	80 56	67 51		72.0 49.8
BAY MINETTE	MAX	76 56	66 54	67 54	69 50	68 52	75 45	81 55	81 58	82 58	72 62	76 59	70 59	77 50	79 56	76 62	67 44	72 40	80 52	76 49	72 52	74 57	73 65	82 62	85 62	83 62	75 58	82 64	79 64	78 62	81 61		75.8 56.1
BIRMINGHAM WB AIRPORT	MAX	63 46	59 47	62 48	65 46	54 39	75 40 .	80 50	85 48	69 50	77 55	69 59	68 54	75 52	82 46	67 47	61 38	72 33	73 49	66 34	70 41	64 57	77 60	82 63	87 52	76 49	82 58	73 64	75 61	61 51	72 52		71.4 49.6
BIRMINGHAM WB CITY	MAX	77 45	67 47	60 49	62 45	68 49	53 44	76 52	82 57	86 50	69 52	74 60	69 58	69 52	76 54	80 53	69 39	64 37	72 50	75 41	71 45	69 53	65 58	78 63	85 61	89 49	79 58	83 63	73	72 55	57 51		72.3 51.7
BREWTON 3 MILES SSE	MAX	82 51	73 51	66 53	69 46	70 49	68 41	76 45	83 50	83 55	86 54	77 59	70 59	76 49	76 50	82 53	83 42	74 33	70 37	81 40	75 43	74 59	70 67	72 62	84 56	87 55	81 52	81 58	83 62	82 65	79 60		77.1 51.9
CEMTREVILLE	MAX	79 50	72 53	60 52	65 48	60 52	64 52	76 52	83 58	85 57	78 55	76. 61	72 61	71 54	78 55	82 57	70 50	66 34	74 51	78 52	74 55	72 61	70 64	76 66	83 61	91 55	80 62	85 67	76	74 61	62 60		74.4 56.1
CITRONELLE	MAX	75 56	69 53	70 54	68 51	66 52	76 46	83 54	83 57	82 57	78 59	74 59	70 58	76 49	80 58	75 62	67 43	74 43	80 53	75 49	68 53	76 57	71 63	83 65	85 64	84 62	75 58	78 57	77 64	76 63	78 62		75.7 56.0
CLANTON	MAX	78 49	67 49	55 49	64 44	67 45	57 43	76 46	82 53	85 52	76 52	80 57	67 58	72 51	75 · 51	81 53	71 38	63 34	72 40	78 40	70 42	73 47	67 57	76 62	82 61	88 46	75 50	81 57	73	77	61 54		73.0 50.1
CORDOVA	MAX	67 50	65 45	65 50	65 44	58 48	60 50	70 60	85 50	70 45	75 55	72 58	69 55	73 40	83 45	80 53	66 36	75 31	72 48	72 34	68 36	67 46	76 49	84 60	86 56	82 50	84 47	80 69	76 60	78 50	76 54		73.3 49.1
DAYTON	MAX	78 50	65 52	60 52	57 51	61 42	63 45	76 54	82 54	85 55	80 56	75 59	72 60	69 52	72 53	82 56	68 41	63 37	74 49	75 42	70 47	70 57	72 61	72 60	78 58	81 53	80 52	83 62	80 64	75 65	71 60		73.0 53.3
DECATUR	MAX	77 44	59 44	58 45	59 43	62 43	50 42	74 46	77 57	73 47	64 50	74 58	70 57	66 52	73 53	81 48	60 39	56 36	73 48	67 40	60 40	67 47	64 59	78 60	80 60	81 45	76 50	82 56	73 64	72 58	58 50		68.8 49 .4
DOTHAN CAA AIRPORT	MAX	79 58	64 51	68 52	72 50	62 50	74 45	81 53	84 56	83 60	82 59	70 61	78 56	77 50	81 56	82 56	67 45	73 39	80 47	75 47	79 50	75 61	78 63	84 62	87 61	78 65	84 55	87 60	80 65	76 62	84 62		77.5 55.2
EUPAULA	MAX	77 52	76 52	62 51	62 47	71 50	63 43	77 50	82 53	85 52	80 58	83 61	68 61	76 50	75 52	82 56	79 46					76 62	75 62	79 62	81 61	89 49	80 52	85 58	85 64	75 64	75 59		76.8 54.9
FAIRHOPE	MAX	75 59	70 54	71 56	71 52	69 53	73 53	76 58	79 59	79 62	77 59	72 60	72 53	76 53	79 59	78 56	68 46	72 43	79 54	77 50	73 54	77 60	76 64	83 63	86 64	81 61	78 60	82 64	79 64	82 62	82 61		76.4 57.1
PAYETTE	MAX	56 48	67 42	69 49	66 41	69 46	59 40	76 52	81 46	84 52	69 54	70 55	73 54	65 53	67 46	80 49	65 34	63 29	74 47	73 33	70 42	65 52	69 59	76 62	85 56	90 42	79 54	84 63	75 63	72 60	60 54		71.7 49.2
FORT MORGAN	MAX	78 65	74 58	69 59	69 58	70 56	69 57	70 63	74 63	74 64	74 65	74 63	74 64	68 57	71 64	76 66	78 54	68 52	70 61	75 58	74 59	74 59	76 65	74 65	79 66	82 67	76 66	78 69	78 67	75 68	79 65		74.0 62.1
FRISCO CITY	MAX	80 52	80 52	60 51	68 49	6 9 51	66 46	75 52	81 58	82 58	84 57	78 58	73 60	70 49	75 51	79 62	74 42	67 38	73 50	80 47	74 52	72 60	68 62	69 61	81 61	85 58	81 57	77 62	81 63	77 64	74 61		75.1 54.8
GA DS DEN	MAX	77 46	64 44	68 46	59 44	66 49	54 36	75 47	80 45	82 45	70 50	78 57	68 59	70 52	70 45	82 54	66 40	57 29	72 40	70 38	66 35	72 48	60 53	79 58	82 56	83 41	78 40	82 54	73 63	72 52	58 49		71.1 47.2
GENEVA	MAX	75 56	80 53	68 53	71 50	75 53	65 42	75 48	83 55	86 58	85 56	82 61	70 62	79 50	79 54	83 59	85 43	79 36	75 45	83 44	78 46	80 57	77 63	77 61	85 58	83 55	82 54	85 57	86 57	83 63	80 63		79.1 53.7
GOODWATER	MAX	77 51	66 48	54 48	61 42	70 48	56 38	74 50	80 47	84 50	71 53	76 58	65 57	66 50	74 46	79 57	71 40	61 30	70 42	75 37	69 45	72 52	63 55	76 62	82 59	86 51	75 51	81 57	73 60	79 55	55 51		71.4 49.7
GREENSBORO	MAX	76 58	79 50	61 51	70 45	70 50	65 44	77 53	81 51	85 55	78 55	79 59	75 59	69 52	78 52	84 55	69 40	65 35	75 48	76 41	74 48	72 61	72 62	72 61	76 59	89 52	79 56	82 65	80 64	76 65	67 58		75.0 53.5
GREENVILLE	MAX	77 54	71 52	59 51	64 48	69 49	61 42	75 49	83 54	84 56	80 55	77 57	68 58	77 48	75 51	82 57	74 42	65 39	74 47	79 4 6	72 50	75 60	73 61	72 62	82 59	83 52	79 54	82 61	85 64	79 65	73 61		75.0 53.5
HALEYVILLE	MAX			58 45			50		75 55	79 48	65 49	70 55	70 55	65 52	72 52	78 45	58 36	56 38	70 44	65 38		65 48			79 62	81 47	77 48	80 55	70 63	69 57	58 49		67 9
HIGHLAND HOME	MAX	77 52	60 50	60 50	65 47	65 54	60 41	75 48	82 48	85 55	77 56	76 55	70	77	75 54	80 54	71	64 45	72 46	77 45	68 50	74 58	72 56	77 62	79 59	841 52	77 53	83 60	84 63	80 64	78 60		74.1 53.1
HUNTSVILLE	MAX	59 42	59 44	58 45	63 42	52 39		76 52	74 50	67 43	76 53	68 56	68 55	72 52	81 50	60 44	56 35	73 32	68 45	62 37	67 41	63 56	79 58	82 57	82 46	76 43	83 54	72 64	70 60	62 50	69 51		69.0 47.8
LA PAYETTE	MAX	70 49	63 46	60 46		65 50		78 51	83 54	76 49	78 51	69 58	72 58	71 49	79 52	75 58	66 38	68 33	76 47	70 41	74 41	76 53	78 58	80 62	85 60	74 44	80 45	81 60	79 62	67 50	75 50		73.7 49.9
LIVINGSTON	MAX		71 48	67 53	66 47	63 50	77 43	82 54	85 48	76 51	75 54	74 59	68 57	77 53	82 51	76 55	64 39	74 34	74 47	71 38	68 48	73 59	72 61		87 51	74 49	82 56	81 65	72 64	74 62	78 59		74.4 52.2
LOCKHART	MAX	58	77 55	65 53	69 52	70 56		75 51	80 59	83 59	84 58	77 59	69	76 49	75 55	79 61	80 45	66 41	73 48	80 49	74 52	75 64	71 65	61		87 60	79 56	81 61	69	82 65			76.3 56.4
LOCK NO 4	MAX	48	63 45	46	44		39	73 46	47	83 49	50	55		52	47	53	41		37	37	47	73 47	55			82 45		61	60	53	50	4	71.0 48.3
MADISON	MAX	39	61 39	59 46	64 39	42	35	50	49			55	67 54	50	81 46	40	35	73 31	44	35	68 40	53	54	57	53	39	84 48	62	60	63 48	47	4	70.3 46.0
MAXWELL FIELD	MAX	71 54	57 53	67 52	67 48	61 49		80 53	84 54	76 57	82 59	69 59	78 54	76 50	83 54	71 60	66 42	73 39	75 48	72 47	49	59					84 54	85 68	65	71 58	56		74.9 53.9
MOBILE WB AIRPORT	MAX	58	67 55	69 55	68 50	67 51	73 47	79 56	82 59	81 59	76 60	73 58	69 50	76 50	78 59	51	68 45	69 42	79 55	75 51	54	62	72 63	63		64	74 61	65	65	79 62	62	5	75.3 56.5
MOBILE WB CITY	MAX				69 54		52	57	60							55	48			53		63		63	65		64	67	67	64	78 65	5	75.3 58.7
MONTGOMERY WB AIRPORT	MAX				66 48															73 44				80 63						70 57			74.7

DAILY TEMPERATURES

ALABAMA APRIL 1949

Table 5-Continued	Table S-Continued Day of month Station																	_							_						A	PRIL	1949
Station																Day	of mo	nth															rage
Jidnoii .		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
MONTGOMERY WB CITY	MAX MIN	70 54	57 52	66 51	66 48	60 49	75 46	80 53	84 55	74 56	79 59	67 59	76 53	75 50	81 55	70 51	64 44	72 42	77 50	70 48	74 50	72 60	74 63	80 62	86 60	75 54	82 54	83 63	80 63	68 57	75 57		73.7 53.9
MUSCLE SHOALS	MAX MIN	61 41	58 43	60 45	60 41	52 44	74 46	76 57	76 52	62 48	70 53	68 56	65 54	76 53	80 52	61 4 3	57 36	72 36	66 46	61 38	64 45	63 56	80 59	82 62	81 53	77 44	81 56	72 63	72 62	62 50	68 51		68.6 49.5
ONEONTA	MAX	78 44	62 44	58 46	62 45	63 46	53 38	75 47	80 47	83 47	71 49	78 55	68 57	65 51	72 45	80 50	67 40	58 30	73 35	70 40	66 39	70 48	62 56	82 60	83 56	83 42	82 48	84 51	73 63	72 53	55 49		70.9 47.4
OZARK	MAX MIN	75 56	70 51	65 51	72 48	67 55	75 44	82 51	85 52	82 56	80 59	78 60	78 60	75 49	81 54	80 61	71 45	72 39	80 50	77 48	78 49	77 61	77 62	83 62	85 61	83 54	83 54	86 59	79 66	76 63	79 61		77.7 54.7
PRATTVILLE	MAX	46	69 52	69 52	67 44	68 53	61 42	75 49	80 48	84 53	76 58	79 60	68 60	75 51	75 50	75 50	71 42	65 35	73 46	77 45	71 49	74 60	70 60	74 60	81 57	87 51	77 53	82 61	82 64	76 60	66 57		74.0 52.3
ROBERTSDALE 7 MILES E	MAX	77 66	71 53	72 55	71 51	70 53	71 46	75 56	78 59	81 59	75 55	73 59	71 60	75 51	78 57	79 61	73 46	71 38	80 52	78 50	76 53	75 61	76 66	84 63	86 63	84 62	76 59	82 62	78 64	80 64	81 61		76.6 56.8
ROCK MILLS	MAX	78 53	68 42	58 48	63 40	73 38	60 38	75 44	80 42	84 44	72 47	76 56	62 59	71 51	69 45	78 45	75 40	62 30	69 38	77 35	72 36	74 42	61 53	80 60	85 57	86 46	77 41	81 48	82 57	79 45	55 49		72.7 45.6
SAINT BERNARD	MAX	77 42	60 42	58 46	60 41	62 45	52 38	75 46	78 50	77 45	67 48	73 56	69 58	68 51	74 44	81 50	65 39	57 30	70 41	73 38	64 40	67 40	63 55	79 60	80 44	82 41	76 44	83 58	75 63		54 48		69.7 46.5
SCOTTSBORO	MAX	67 44	62 44	57 48	66 43	58 44	74 37	78 53	79 50	69 44	79 50	60 58	68 57	71 57	82 48	70 50	58 39	72 32	70 45	68 40	70 40	63 52	79 57	83 62	81 52	80 45	83 45	70 53	71 62	63 50	72 50		70.8 48.4
SELMA	MAX	77 51	70 54	59 52	61 47	67 50	63 46	71 52	80 52	85 55	75 57	78 60	70 60	74 52	75 54	80 60	70 42	65 37	71 40	75 44	71 49	72 55	73 62	73 63	76 59	85 52	76 55	82 60	81 65	78 66	70 58		73.4 53.6
SPRING HILL	MAX	81 58			77 51	67 49	65 53	75 57	81 58				80 59	69 51	77 61	80 64	76 45	61 40	67 57	78 50	76 53	69 58	74 63	72 62	63	63	82 61	76 67	75 65	80 65	75 62		74.5 57.4
TALLADEGA	MAX	67 47		68 46	62 44	52 49	74 39	80 55	84 46	70 47	78 51	70 58	72 58	74 51	79 45	72 56	60 40	70 31	73 48	67 35	72 39	67 56	79 59	83 61	86 56	76 42	82 51	75 61	75 60	64 51	72 50		72.5 49.4
THOMASVILLE	MAX	69 51	58 51	65 52	63 47	63 51	76 45	82 53	83 56	79 55	77 57	71 58	75 49	68 54	81 54	69 50	64 39	74 39	77 51	71 46	67 49	71 57	69 61	80 58	86 60	82 55	80 59	81 64	76 63	76 62	76 63		73.6 53.6
TROY	MAX	77 55	61 50	59 50	62 48	68 55	67 45	75 51	81 56	84 56	77 57	78 58	71 61	77 49	74 55	81 60	76 43	64 38	71 49	79 47	70 49	76 60	74 61	73 62	82 60	84 53	77 54	82 61	85 65	81 65	76 61		74.7 54.5
TUSCALOOSA AIRPORT	MAX	68 48	64 49	69 52	68 45	61 43	77 42	82 50	86 46	74 53	71 56	71 57	68 54	78 52	83 48	68 42	64 38	74 33	75 46	71 37	70 51	70 63	73 60	82 61	89 56	83 46	85 50	78 63	79 64	67 55	73 56		74.0 50.5
TUSKEGEE	MAX	77 52	69 49	63 50	69 45	67 49	70 50	79 50	80 59	81 49	80 59	71 56	77 59	74 49	80 58	80 60	65 40	72 33	75 46	77 41	76 56	74 44	77 62	82 62	80 60	80 47	83 49	76 63	84 58	72 54	74 53		75.5 52.1
UNION SPRINGS	MAX	77 53	70 50	56 50	61 47	68 55	60 45	74 53	81 53	83 54	76 56	79 58	69 61	76 49	74 52	79 62	73 42	65 44	70 38	77 45	70 49	76 60	74 61	76 63	81 60	85 53	77 53	83 59	85 64	79 65	74 56		74.3 53.7
UNIVERSITY	MAX	68 48	62 49	67 51	68 47	59 47	78 45	83 54	86 52	74 55	70 60	70 59	66 55	77 53	83 50	67 47	64 39	74 34	75 50	73 41	70 48	69 63	73 61	81 62	89 57	83 49	85 56	75 63	74 63		70 55		73.3 52.3
VALLEY HEAD	MAX	75 42	65 42	59 41	57 41	53 47	59 34	71 39	72 40	76 43	78 52	74 50	72 50	68 51	75 52	38	60 34	53 28	65 40	69 32	64 35	64 40	67 52	68 52	72 44	72 43	76 43	80 43	72 62	72 63	54 48		67.7 44.0
WETUMPKA	MAX MIN	81 53	71 51	58 52	67 46	67 46	61 46	77 46	82 53	85 51		80 59		74 51	77 52	81 52		66 36	72 49	80 42	74 43	73 51	70 60	74 62	83 59	89 47	75 49	82 55	81 63	78 64			74.7 51.8

EVAPORATION AND WIND MOVEMENT

Station																Day	of m	onth															72	rture
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Tota	Depa
AUBURN	EVAP	28 34	30	07	. 09	12 22	.10	. 26	.30 46	40 84	. 19	.10	. 32	.15	.05	2 1 72	.34	.24	.241	.30	.24	.17	00 18	12	23 35	40 68	25 34	21 27	19	52	56		R (0)	5
FAIRHOPE	EVAP	17	08 24	14	10 27	12 74	19 68	. 18 69	17 58	.19	.13	08 25	12 60	24 107	19	. 20	29 76	.19	20 25	.24	.14	.06 25	51	14 20				10 12	.11	14	19 14		B 4 8.	2

										APRIL 1949
Station	ON Kepul	Drainage † Latitude Longitude Elevation	8 9	Refer to tables	Station	ON County	Drainage † Latitude Longitude	Elevation Temp.	Ohaamaa	Refer to tables
ARBEVILLE ADDISON ADDISON CENTRAL TOWER ALABAMA STATE PARM ALDERTYILLE 1 MI S ALEERTYILLE 1 MI S ALECANDER CITY 6 MI NE ALICEVILLE ANDALUSIA ANNISTON	0008 HENRY 0063 WINSTON 0071 LAWRENCE 0117 LIMESTONE 0140 WILCOX 0148 MARSHALL 0163 TALLAPOOSA 0178 PICKENS 0252 COVINGTON 0267 CALHOUN	4 31 34 85 15 2 34 13 87 10 12 34 25 87 19 1500 12 34 41 86 53 1 32 14 87 25 12 34 16 86 13 111 32 59 85 52 60 13 33 08 88 10 6 31 19 86 30 346 7 33 40 85 50 724	ALA. POLY. INST. 8A SIDNEY J.HARDY, SR 1P PAT M.COURINGTON 8A SA F. E. BLACKBURN 7A HOSIE PHILLIPS 8 BA WM. M. GARRETT	2 3 5 2 3 5 3 2 3 5	LOCK NO 3 LOCK NO 4 LOCK NO 17 MADISON MAGELLA MAGNOLLA MARION 1 MILE SSE MARION JUNCTION MATTELL FIELD	4840 CHOCTAW 4845 TAILLA DEGA 4855 TUSCALOOSA 4976 MADISON 4996, JEFFERSON 5004 MARENGO 5108 PERRY 5116 DALLAS 5202 MONTGOMERY	13 32 17 88 01 7 33 38 86 11 2 33 29 87 20 12 34 42 86 45 3 33 30 86 51 1 32 08 87 39 3 32 37 87 18 3 32 26 87 14 11 32 40 85 55 1 32 25 86 25	510 7A 280 573 63 654 263 204 340	7A, U. S. ENGINEERS 7A, U. S. ENGINEERS 7A, U. S. ENGINEERS 6P HARRY P. CARTER 6A, ALABAMA POWER CO. 1D DE. T.H. GAILLARD 8A C. MYRON HOLLPIEL 8A DES MARGARET SMITH 6A ALABAMA POWER CO. 1U. U. S. ARHY AIR PORCES	2 3 5 2 3 5 3 4 3 4 3 3 5 2 2 3 5
ANNISTON WB AIRPORT ARLET ASHLAND ASHVILLE ATHENS ATMORE STATE FARM AUBURN AUBURN AUBURN AUBURN BORTON AUTOGRAPILLE BARTON	0272 CALHOUN 0338 WINSTON 0369 CLAY 0377 ST. CLAIR 0390 LIMESTONE 0402 ESCAMBIA 0422 LEE 0427 LEE 0440 AUTAUGA 0546 COLBERT	7 33 35 85 51 2 34 04 87 13 11 33 16 85 50 7 33 50 86 16 12 34 48 86 59 8 31 10 87 29 11 32 36 85 30 11 32 36 85 39 11 32 36 85 39 12 34 43 87 52 463	7A TVA-62 SP SP ATMORE STATE FARM 8A MRS.MARTHA I. MOOR! MID SCS 8A J. B. NEIGHBORS	3 3 4 3	MELVIN MERTZ 3 MILES E MIDWAY MILLERS FERRY MILLERS FERRY MILIFY MILIFY MITCHELL DAM MOBILE WE AIRPORT MOBILE WE CITY MONTE SANO	5354 CEOCTAW 5382 BIBB 5397 BULLOCK 5417 WILCOX 5427 WASHINCTON 5439 MACON 5465 CHILTON 5478 MOBILE 5483 MOBILE 5529 MADISON	13 31 56 88 27 3 32 53 87 20 4 32 06 87 22 13 31 38 88 19 11 32 27 85 54 7 32 48 86 27 9 30 41 88 12 9 30 42 88 02 12 34 45 86 31	78 362 206 350 MID M 10 MID M	7A JOHN R. LAND 8A USFS 8A USFS 8A USFS 8A WATEW W. HALL 8A NORMAN D. WILLIAMS 9B MARDIS M. BLOUNT 8A T. C. CARR 6A ALBARMA POWER CO. ID U.S. WEATHER BUREAU 1D U.S. WEATHER BUREAU 7A TYA-530	3 3 2 3 4 5
BAY MIMETTE BEATRICE BELGREM BERRY BEXAR 2 WILES SE SILLINGSLEY BIRMINGEAM WB AIRPORT BIRMINGEAM WB CITY BISBOP BOAZ	0583 BALDWIN 0616 MONROE 0631 FRANKLIN 0748 FAYETTE 0790 MARION 0823 AUTAUGA 0831 JEFFERSON 0836 COLBERT 0957 MARSHALL	9 30 53 87 47 268 1 31 44 87 13 12 34 26 87 52 2 33 40 87 36 13 34 12 88 09 1 32 39 86 43 2 33 32 86 50 2 33 32 86 50 2 34 13 86 10 470	7A W. P. DUNN MID TVA-43 MID TVA-43 MID MISS CLARA R. OLIVI MID MIS CLARA R. OLIVI 7A MRS.T. L. GALLMAN MID MID U.S. WRATEE BUREAU 8A 8A MRS.CARRE B.HORTOI 8A 8A MRS.CARRE B.HORTOI	3 4 3 4 3 4 3 4 3 4 3	MORTEVALLO MONTGOMERY WE AIRPORT MONTGOMERY WE CITY MOULTON MUSCLE SEGALS REW BROCKTON NEWBURG NEW MARKET MENTON ONEONTA	5537 SHELBY 5550 MONTGOMERY 5555 MONTGOMERY 5625 LAWRENCE 5749 COLBERT 5842 COFFEE 5847 FRANKLIN 5862 MADISON 5875 DALE 6121 BLOUNT	3 33 06 86 53 1 32 18 86 23 1 32 18 86 23 1 32 23 86 18 12 34 29 87 17 12 34 44 87 35 61 22 34 29 87 35 12 34 24 86 26 5 31 20 85 37 22 33 57 86 30	201 MID M 630 MID M 540 MID M 660 725 216 857 7A	8A M. P. JETER 1D, U.S. WEATHER BUREAU 1D, U.S. WEATHER BUREAU 1D, TVA-301 1D CAA 1D E. EARL BOYETT 7A TVA-644 7A TVA-624 0A FURN WYNN 7A L. E. SELLERS	2 3 4 5 3 4 5 3 4 5 3 4 3 3 3 3 3 5
BRANTLEY BREWTON 3 MILES SSE BRIDGEPORT 2 MILES W BRUNDIDGE CALERA CAMPBELL CARDON BILL CENTER GROVE CENTER STAR CENTREVILLE	1069 CRENSHAW 1084 ESCAMBIA 1099 JACKSON 1178 PIKE 1288 SHELBY 1315 CLAREE 1317 WALKER 1492 MORGAN 1497 LAUDERDALE 1520 BIBB	6 31 35 86 16 284 6 31 04 87 03 85 12 34 56 85 44 51 5 31 43 85 49 515 7 33 06 86 45 50 13 31 55 87 59 2 33 54 87 32 430 12 34 23 86 38 780 12 34 23 86 38 780 13 32 57 87 08 230	6A 6A MRS. CLARA T. PEAV'S NISS M.LOUISE JONES 8A GEO. L. HICKS 8A L & N R. R. AGENT MMID E. DOUGLAS REID 7A MISS MARY C. RAY 7A U.S. DEPT. INTERIOR 7A TVA-521	7 2 3 5 5 3 3 3 3 4 3 3 4 3 3 5 CLOSED 4/1/49 2 3 5	ORRYILLE OZARK PAINT ROCK PALMER BALE PERRYVILLE PETERMAN PICKENSYILLE PINE HILL PINE LEVEL PLANTERSVILLE	6161 DALLAS 6218 DALE 6218 DALE 6226 JACKSON 6246 JEFFERSON 6362 PERRY 6370 MORNOE 6414 PICKENS 6460 WILCOX 6468 MONTGOMERY 6508 DALLAS	1 32 18 87 14 5 31 23 85 39 12 34 40 86 20 3 33 44 86 39 3 32 37 87 08 1 31 35 87 16 13 33 13 88 16 1 31 59 87 36 6 32 04 86 04 1 32 39 86 56	110 M	SA EDWARD B. WARREN SA MRS. MARY E. SCOTT 10 TVA-69 BA ROBERT P. STORES BA MRS. GERTHUDE GREN 1D MRS. MINTA EDDINS 7A MRS. DODA I. CLAY BA PIDELIA LITLES BA O. W. BURNES BA O. W. BURNES	3 4
CHILDERSBURG CITROMELLE CLANTON CLAYTON COFFEE SPRINGS COLLINSVILLE COLUMBIA CORDOVA CUBA DADEVILLE	1615 TALLADEGA 1685 MOBILE 1694 CHILTON 1725 BARBOUR 1807 GENEVA 1849 DE KALB 1865 BOUSTON 1940 WALKER 2079 SUNTER 2119 TALLAPOOSA	7 33 17 86 21 540 9 31 05 88 14 331 7 32 51 86 38 590 5 31 53 85 27 590 5 31 10 85 55 273 7 34 15 85 52 73 5 31 18 85 06 130 2 33 46 87 11 334 13 32 26 88 23 760	6P 6P B. O. JONES 7A 7A HUGH M. SIMPSON 7A CARL J. ROKBUCK 9A C. B. ADKISON 7A MRS. S. CUNNINGEAM 8A COY TEOMPSON 9B 8A MRS. C. GRESHAM 8A REUBEM P. HARRIS	3 5 5 5 3 3 5 5 3 3 5 5 3 3 5 5 3 3 5 5 3 5	PLEASANT HILL PRATTVILLE PRIGROSE FARM PUSEMATARA RED BAY REFORM RIVER FALLS 2 RIVER FALLS 2 ROBERTSDALE 7 ROCK MILLS	6526 DALLAS 6640 AUTAUGA 6684 MONTGOMERY 6719 CHOCTAW 6805 FRANKLIN 6807 PICKENS 6937 COVINGTON 6942 COVINGTON 6988 BALDWIN 7025 RANDOLPH	1 32 09 86 58 1 32 28 86 15 13 22 0 86 15 13 32 12 88 21 12 34 27 88 09 13 33 23 86 01 6 31 21 86 32 86 31 23 86 33 87 48 4 33 09 85 18	281 8A 180 8A 627 8A 148 6P	ID CHARLES M. BENRY AS CONTINENTAL GIN CO. SA W. E. ELSBERRY 88 MES. JANIS C. SROWN AT TVA-493 74 W. M. MC DONALD 8A JOHN R. BRADLEY ID ALABAMA ELECTRIC CO 65 CARL BOSSCK 65 JAMES B. BALLEY	3 2 3 5 3 3
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\$ 1-ALABAMA; 2-BLACK WARRIOR; 3-CAHABA; 4-CRATTABOOCREE; 5-CHOCTAWBATCHEE; 6-CONDCUE; 7-COOSA; B-ESCAMBIA; 9-GULF; 10-PEA; 11-TALLAPOOSA; 12-TENNESSEE; 13-TOMBIGBEE

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a State.

Delayed data and corrections will be carried only in the June and December issues of this bulletin. Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletic are: Temperatures in "F, precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

When hourly precipitation is missing or accumulated for seweral days, only the first and last days are shown in Table 4.

Amounts in Table 4 are from recording gages. Traces are not shown

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time

- No record.

 And also on later dates.

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 Station equipped with recording gage only. All amounts in Table 3 are for non-recording gages, except for stations with this reference.

 Trace, an amount too small to measure.

 Includes total for previous month.

 On our of the following day.

 Bourly amounts from recording gage at the same site may be found in Table 4.

Subscription Price: 15 cents per copy; \$1.50 a year (Yearly subscription includes Annual Summary). Correspondence regarding subscriptions should be addressed to the Weather Records Processing Center, 450 Post Office Building, Chartmooga 2, Tensessee.





U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary

WEATHER BUREAU F. W. REICHELDERFER, Chief

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CLIMATOLOGICAL DATA

ALABAMA

MAY 1949 Volume LV No. 5



ALABAMA - MAY, 1949

A. R. Long, Section Director - Montgomery

General Summary

Total rainfall reported this May was, on an average, slightly more than normal, but the month as a whole was nevertheless rather dry. A very wet spell of 5 to 6 days ended early on the 2d of May when on this date a State wide average of more than an inch and a half was reported for a 24 hour period. This wet spell was followed by 3 weeks without rain except a few showers in the north around the 8th and 9th. Light to moderate showers occurred over most localities on the 23d, but droughty conditions continued in a few areas and were about to become serious by the time a general showery period of several days began on the 27th.

At the beginning of the month, most spring planting was up to date except in the northeast where there was some lag. The commercial peanut crop in the south, and cotton in the north, were nearly all planted by the end of the second week. Corn planting in the north continued until toward the end of the month. The fair weather which prevailed much of the time was favorable for cultivation and for harvesting Irish potatoes, oats, Johnson Grass, and alfalfa and sericea hay. Good crops of lupine seed and crimson clover seed were housed in the south and the harvesting of these seed crops was active in the north near the end of the month. Pastures were fine during the first 10 days or so, but deteriorated considerably due to drying soil prior to the 27th. During the last week, the planting of sorghums and soybeans was underway, and peanuts were still being planted.

WIND AND HAIL

At Montgomery, a thundersquall at 9:25 p.m. on the 23d, did \$2,000 of roof and porch damage to Carver Courts, a negro housing project off Fairview Avenue, adjacent to the St. Jude's School. On the same afternoon, at 3:45 p.m. to 4:20 p.m., there was a shower of hail at Union Springs, in Bullock County, with stones ranging in size up to that of hen eggs. There was some slight crop damage, and a few windows were broken. In the evening of the 30th, on Dog River, near Mobile, probably near 8:30 p.m., a thundersquall over a very small area damaged a boat house and a machine shop to the extent of about \$6,000.

FLOODS

As a result of heavy rain on the 1st and early on the 2d, there was a crest at Centreville, on the upper Cahaba, of 24.3 feet, or 1.3 feet above flood stage. At Montgomery and Millers Ferry, both on the Alabama River, flood stages were also reached after the rainy 6 day period which ended on the 2d. The Montgomery crest was 40.0 feet on the 3d. This crest reached Millers Ferry on the 6th, where the highest stage was 47.0 feet. There was considerable flooding on the Tombigbee and the lower Warrior. The flood stage was exceeded by more than 18 feet at Lock 3 on the Tombigbee on the 7th. No important flood damage was reported along any of these rivers.

FCP

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

ALABAMA MAY 1949

	RPORT 30.35 4 29.79 21 8.4 47 SW 23 86 86 50 56 30.25† 4 29.85† 10 10.6 39 SE 2 85† 87† 50† 66†	r												
	Sea lev	el pressure	extremes_in	ches		Wind spec	ed-m. p. h.		Relative	e humidity	averages-	percent	Sunshine	
Station	Highest	Date	Lowest	Date	Average	Maximum		Date of maximum	ed ed	e Ei Si	ri Si	Si Si	Percent of possible	Degree days
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BIRMINGHAM WB AIRPORT	30.35	4	29.79	21	8,4	47	SW		86	86	50	56	60	0
MOBILE WB CITY	30.25†	4	29.85†	10	10.6	39	SE	2	85†	87†	50†	661	76	0
MONTGOMERY WB CITY † AIRPORT DATA	30.31†	4	29.80†	,	6.7	37	W	23	81†	84†	44†	56†	78	0

COMPARATIVE DATA

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2.50 7 69.9 96 34 5.86 11 71.5 95 38 3.48 6 74.0 99 40 2.82 10 70.1 95 34 5.17 8 69.6 99 36 2.10 6 69.6 99 36 2.10 6 71.1 100 36 3.27 7 71.0 96 38 7.33 10 72.0 102 34 2.37 6 70.1 98 37 3.89 10 72.1 100 48 2.01 4 73.7 101 33 0.89 3 76.1 100 48 2.01 4 73.7 101 33 0.89 3 76.1 100 48 2.01 4 73.7 101 33 0.89 3 76.1 100 48 2.01 4 77.5 97 38 2.62 6 70.3 99 40 5.08 8 75.6 100 42 2.63 6 69.7 98 34 6.07 10 69.9 99 37 2.95 6 74.7 99 44 5.37 11 70.0 97 31 4.82 9	Temperature Precipitation Temperature Precipitation Temperature Precipitation Temperature Precipitation Temperature Precipitation Temperature Precipitation Temperature Precipitation Temperature Precipitation Year Year Temperature Precipitation Year Temperature Precipitation Year Year Temperature Precipitation Temperature Precip	Temperature Precipitation Temperature Precipitation Temperature T	Temperature Precipitation Temperature Precipitation Temperature T	Temperature Precipitation Temperature Precipitation Temperature Temperature 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41 4.92 11 70.1 98 37 3.89 10 1920 70.7 97 41 4.92 11 70.1 98 37 3.89 10 1920 70.7 97 41 4.92 11 70.1 98 37 3.89 10 1920 70.7 98 37 1.98 5 70.3 99 40 5.08 8 1926 70.4 99 39 39 2.99 6 670.4 99 39 2.99 6 670.4 99 39 39 2.99 6 69.7 98 34 6.07 10 1928 69.5 99 38 3.66 8 8 1926 70.4 99 39 39 2.99 6 69.7 98 34 6.07 10 1928 69.5 99 38 3.66 8 8 1926 70.4 99 39 39 2.99 6 69.7 98 34 6.07 10 1928 69.5 99 38 3.66 8 8 1926 70.4 99 39 39 2.99 6 69.7 98 34 6.07 10 1928 69.5 99 38 3.66 8 8 1926 70.4 99 39 39 2.99 6 69.7 98 34 6.07 10 1928 69.5 99 38 3.66 8 8 1926 70.4 99 39 39 2.99 6 69.7 98 34 6.07 10 1928 69.5 99 38 3.66 8 8 1926 70.4 99 39 39 2.99 6 69.7 98 34 6.07 10 1928 69.5 99 38 3.66 8 8 1926 70.4 99 39 39 2.99 6 69.7 98 34 6.07 10 1928 69.5 99 38 3.66 8 8 1926 70.4 99 39 39 2.99 6 69.7 98 34 6.07 10 1928 69.5 99 38 3.66 8 8 1926 70.4 99 39 39 2.99 6 69.7 98 34 6.07 10 1928 69.5 99 38 3.66 8 8 1926 70.4 99 39 39 2.99 6 69.7 98 34 6.07 10 1928 69.5 99 38 3.66 8 8 1926 70.4 99 39 39 2.99 6 69.7 98 34 6.07 10 1928 69.5 99 38 3.66 8 3 3.32 8 60.0 97 31 4.82 9 1931 68.5 96 38 38 3.32 8 3.66 8 9 30 30 60.5 17 99 30 30 2.90 90 60 5.17 99 30 30 2.90 90	Temperature Precipitation Temperature Precipitation Temperature Precipitation Year Temperature Precipitation Temperature Precipitation Year Temperature Precipitation Year Temperature Precipitation Year Temperature Precipitation Year Temperature Precipitation Year Temperature Precipitation Year Temperature Precipitation Year Temperature Precipitation Year Temperature Precipitation Year Temperature Precipitation Year Temperature Precipitation Year Temperature Precipitation Year Temperature Precipitation Year Temperature Precipitation Year Temperature Precipitation Year Temperature Precipitation Year Temperature Precipitation Year Temperature Precipitation Year Temperature Precipitation Year Temperature Precipitation Temperature Precipitation Temperature Precipitation Temperature Precipitation Year Temperature Precipitation Temperature Precipitation Year Temperature Precipitation Year Temperature Precipitation Year Temperature Precipitation Year Temperature Precipitation Year Temperature Precipitation Year Temperature Precipitation Temperature Precipita	Temperature Precipitation Temperature Precipitation Pre	Temperature Precipitation Temperature Precipita	Temperature Precipitation Temperature Precipitation Precipitation Temperature Precipitation Temperature Precipitation Temperature Precipitation Temperature Precipitation Temperature Precipitation Temperature Precipitation Temperature Precipitation	Temperature Precipitation Temperature Precipita

				Temperat	ture								Precipitati	ion				
							No. o	í days					Snov	w, Sleet, H	ail	No	o. of da	ys
Station	Average	Departure from normal	Highest	Date	Lowest	Date	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground	Date	.01 or more	.25 or more	1.00 or more
NORTHERN DIVISION																		
ANNISTON WB AIRPORT BIRMINGHAM WB AIRPORT BIRMINGHAM WB CITY CORDOVA DECATUR	70.9 71.5 73.4 71.4 71.1	1.8 2.2 2.3 1.8 1.1	91 90 94 90 89	8 6 7 4+ 8	46 50 54 47 53	26 26 26 26 11+	3 1 4 4		3.52 3.37 3.37 3.98 3.36	- 0.38 - 0.58 - 0.58 - 0.00 - 0.47	1.35 1.43 1.75 1.83 0.71	1 1 2 2 31	T			9 11 10 4 12	3 5 3 4 6	2 1 1 2
FAYETTE GADSDEN GOODWATER HALEYVILLE HUNTSVILLE	71.2 70.1 71.7 70.2 70.6	0.2 1.1	92 92 90 87 89	8 6 7+ 6+ 5+	46 45 49 52 50	26 26 26 11+ 13+	4 8 4		5.94 3.00 4.14 4.26 4.13	1.66 - 1.11 0.43 - 0.14	2.22 1.33 1.36 1.43 1.52	2 2 2 2 30				11 9 6 9 12	6 2 4 5 5	3 1 2 2 1
LOCK NO 4 MADISON MUSCLE SHOALS ONEONTA ROCK MILLS	70.3 70.1 71.2 71.1 71.0	0.5 0.7 2.0 2.6	89 91 92 93	6+ 5 6 10 6+	48 49 52 48 48	26 11+ 11+ 26 26	3 1 8 7		3.63 4.04 2.62 5.02 4.51	- 0.33 0.05 - 1.63 0.58 1.16	1.57 1.28 1.04 1.64 1.10	2 20 30 2 16	т			5 15 11 9	4 4 4 7 6	2 1 1 1
SAINT BERNARD SCOTTSBORO TALLADEGA TUSCALOOSA AIRPORT UNIVERSITY	69.9M 70.8 71.7M 73.4 73.9	2.0 2.7 1.1 1.6 2.1	90 92 90 92 93	9 5+ 6+ 6	48 49 47 50 53	26 26 27 26 13	1 4 4 11 11		7.40 6.06 4.41 3.73	3.42 2.16 0.27 - 0.41	1.35 1.85 1.93 2.57 2.13	30 31 1 1				12 9 10 7	9 3 3	2 3 1
VALLEY HEAD	70.2	3.0	89	6+	51	6+			6.79	2.53	2.04	2				12	9	1
DIVISION	71.2								4.36									
MIDDLE DIVISION																		
ALEXANDER CITY 6 MILES NE AUBURN CENTREVILLE CLANTON DAYTON	71.0 71.7 77.2 73.1 73.8	0.1 6.7 2.4	91 90 95 92 93	7+ 7+ 8 21 28	46 47 58 51 52	26 26 3 26 14	3 15 10 13		4.43 2.75 5.22 4.34 2.44	- 0.79 1.15 0.50	1.28 1.13 3.01 2.19 1.53	31 2 2 2				9 5 7 8 7	5 3 5 5 2	1 1 1 1 1
EUFAULA GREENSBORO GREENVILLE HIGHLAND HOME LA FAYETTE	74.5 74.0 74.3 74.0 71.6	1.8 1.9 1.0 1.5	92 92 92 92 92	7 7 20 21 6+	51 54 55 56 52	13 13+ 13+ 12 11+	11 12 10 4 3		3.75 5.82 5.53 3.49 2.13	0.13 1.38 1.66 - 0.10	1.89 3.59 2.48 2.00	31 2 2 2	т			7 7 7 4 10	4 4 5	1 1 2 3
LIVINGSTON MAXWELL FIELD MONTGOMERY WB AIRPORT MONTGOMERY WB CITY PRATTVILLE	73.2 75.5 74.3 75.2 73.1	1.2 - 1.8 2.2	90 93 94 92 91	6+ 6 6+ 6+	51 58 54 59 52	3 13 13 12+ 14	5 10 9 5 8		4.34 2.72 3.05 2.88 3.39	0.70 - - - 0.96 0.06	1.74 1.64 2.08 1.60 2.00	1 1 1 2				9 6 8 7 7	5 2 2 3 2	2 1 1 1
PUSHMATARA SELMA THOMASYILLE TROY TUSKEGEB	73.4 73.5 73.6 74.3 74.5	1.6 0.6 1.0 1.2 2.1	92 90 91 93 92	25 7+ 23+ 21 23	52 55 53 55 54	13+ 13+ 26 13 14	8 2 8 10 12		1.89 4.81 3.91 4.02 3.00	- 2.54 1.08 - 0.35 0.43 0.08	1.13 3.02 1.98 2.40 0.95	2 2 2 24 1	т			3 5 6 7 4	2 3	1 2 1 2
UNION SPRINGS WETUMPKA	73.8 73.6	0.8	92 94	9 7	52 53	26 13	5 4		2.79 4.44	- 0.75 0.89	1.08	24	т			7 5	4	1 2
DIVISION	73.8								3.69									
SOUTHERN DIVISION																		
ANDALUSIA ATMORE STATE FARM BAY MINETTE BREWTON 3 MILES SSE CITRONELLE	74.4M 75.7 74.8 73.7 75.4	1.5 1.3 1.8	94 93 91 93 91	24 8+ 24+ 24+ 23+	54 57 56 49 57	26 12+ 12 13 26	13 4 13 4		4.54 5.96 5.63 4.78 8.63	0.96 0.63 3.77	1.68 2.00 3.81 1.96 3.33	1 2 2 2 2 2				6 7 4 7 8	5 4 4 4	1 2 3
DOTHAN CAA AIRPORT EVERGREEN FAIRHOPE FORT MORGAN FRISCO CITY	76.1 75.1M 75.0 75.7 74.5	2.2 2.0 -	98 95 91 91 91	21 26 7+ 8 9+	54 52 55 57 54	13 26 26 13 13	15 15 7 1 10		1.92 5.37 7.84 3.30 4.88	- 1.26 0.25 3.16 - 0.29	1.12 2.49 3.72 2.25 2.41	31 2 30 2 2				7 4 6 4 7	1 3 4 4 4	1 2 2 1 1
GENEVA LOCKHART MOBILE WB AIRPORT MOBILE WB CITY OZARE	75.2 74.8 75.1 76.0 75.4	1.6 1.9	96 93 91 92 94	21 28 7+ 8 20+	50 53 58 59 54	13 26 11+ 12 13	17 9 4 4 13		0.82 1.66 3.10 3.21 2.38	- 3.04 - 1.11 - 1.05	0.47 1.04 1.00 0.76 1.04	1 1 1 30				4 4 6 6 7	2 2 3 5 3	1 1 1
ROBERTSDALE 7 MILES E SPRING HILL	74.4 75.2M	1.1	92	8	54	1.4	4		3.21 3.63	- 2.29 - 1.59	1.61	2 2				5 5	3 4	2 2
DIVISION	75.1								4.17									
STATE	72.9	1.6							4.07	0.12								

Table 3		_								<i></i>	1111					111	LI								,						MAT	ABAMA Y 1949
Station	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Day 15	of m	onth 17	18	19	20	21	22	23	24	25	26	27		29	30	31	Total
ABBEVILLE R ADDISON R ADDISON CENTRAL TWR ALABAMA STATE FARM ALBERTA	1.82	.09 .01 1.74 .64 2.05				.35		.08	.11	.01 .46 .68		.04				.52				1.12	, 28		.23	.57 .26 .60 .59	. 67		.06	.20	.45	.36	1.58	2.35 2.94 5.05 4.69 3.26
ALEXANDER CTY 6 MI NE ALICEVILLE ANDALUSIA ANNISTON WB AIRPORT ARLEY	1.68	.09	.02						.19	.30	.75									т			.13	.05	.78	. 25	.05	.60		1.09	.50 .50 .79 .02 1.68	4.43 4.15 4.54 3.53 4.61
ASHVILLE ATHENS ATHORS STATE FARM AUBURN AUBURN 9CS 10 R	.02 T T 1.32 2	.80						.07	.33	.14	.30						.78	.03		.08	1.28			.46	.04	.08	.02	.07	T *		.61 T 2.64 1.13	4.15 5.44 5.96 2.75 2.43
AUTAUGAVILLE BARTON BAY MINETTE BEATRICE BELGREEN R	1 2	2.15 1.42 3.81 3.20							.04	1.62	.10					.31	.46						. 19	1.78 .18 .40	.22	.20		.22	.92	.46 .08 .50	. 05	5.48 4.37 5.63
	6.00 1.02 - 1.43	.06	-	-	-	-	. 20	.01	.59	.04 T	04	_	-	~	-	-	-					т	.02	.17 .87 .02	.01		.37	.11 1.00 .02 .33	.80 .14 .57	.61 .34 .36 .41	.39	V8.52 2.76 3.37 3.37
BISHOP BOAZ BRANTLY BREWTON 3 MILES SSE	.07 .15 .17 1.40	.95 1.18 1.20	.16				.10	.04	.20	.48	.23 .06						.06			. 47	.34	.30		.15 .37 2.21	.36	.12	т	.10	.28	1.03	.80 1.12 .43	2.42
BRUNDI DGE CALERA	.70	.93	. 19	-		-	T -	- T	- 82	17	- T	-	-	-	**	-	-	-				т	.19 .50 .10	1.11 .74 .85	.24			.22 .50	.07	T .38	.57	3.38
CENTREVILLE CHILDENSBURG CITRONELLE CLANTON COFFEE SPRINGS		3.01 1.48 3.33 2.19							.02	.05			-										.07	.36 .02 .38 2.95	.09 .22 .90 .05			.52 .46 T	.05 2.45 2.63	.62 .27 1.32 .75	1.44	5.22 6.34 8.63 4.34 4.75
COLLINSVILLE COLUMBIA CORDOVA CUDA DADEVILLE	.27 T	1.29 .20 1.83 1.94 1.30					.38		. 04	.10						.10					.80		.07	.63 .16 .30 .05	.10 .06			.05	.06	1.20 1.58 1.43 .63	.10 .16 .71	4.19 1.02 3.98 5.95 3.55
DADEVILLE NO 2 R DANCY DANVILLE DAYTON DECATUR	1.25 1.68 .52 .03	.74						.90	.12 .86 .12 .29	.21	.28				.02						.32	j	.36	.02 T	.45	.02	.12	.21 1.07 .03 .07	.63 .67	.64 1.26 .27 .47	.21 .04 .71	3.25 6.11 3.44 2.44 3.36
DECATUR NO 4 DECATUR SUBSTATION DEMOPOLIS DOTHAN CAA AIRPORT Z ELDA	.02	.78 .71 2.00 .17				-14		.21	.32	.16	.24										.31			.13 .14 1.42	.79	.01		.10 .06 .05	T .13	.09 .33 1.53 .20	.79 .33 .16 1.12 .73	3.79 3.49 4.00 1.92 3.74
ELROD EUFAULA EUTAW LOCK NO 7 ZYERGREEN FAIRHOPE	.15	2.95 .32 3.10 2.49 2.80					. 26	1.15	.06		.10	Т												.50 .91 .27	.01			.20 .10 .45	.75	.77	1.89 .27 1.97	5.35 3.75 5.07 5.37 7.84
FALEVILLE FAILS CITY 6 MI NW FARLEY FAIRNTE FLAT ROCK	T .27	1.58					. 06	.12	1.53 .18 1.29 .17	.06 .02 .29 .26										1.10	.92	T .26	.10	.09	.12 .14 .94 .03	.04	T .16	.10 .23 T .04 .34	.23	.25 .40 .66 1.11 2.07	.05 .80 .04 .02	3.89 4.12 5.94 6.87
PORT DEPOSIT FORT MORGAN // 2 FORT PAYNE FRISCO CITY GADSDEN		1.35 2.25 1.70 2.41 1.33						.07	. 23	.08	. 25										. 76		.33	.12	.36 .46 .91 .05			.68	. 03	.40 .35 .96 .04	.34	3.52 3.30 4.98 4.88 3.00
GAINESVILLE GARDEN CITT 2 GENEVA GOODWATER GORGAS	.04 .03	3.06 1.50 .47 1.36 2.22	T					.30	T 1.02		.05													.01 .50 .01 .19	.16			.53	T T	.82 e .64 .98	.58 1.73 .31 1.26 .06	5.41 4.85 .82 4.14 4.56
GREENSBORD GREEN/ILLE GREENVILLE NO 2 GULF SBORES 2 MI SSE GUNTERSVILLE REC	2.20	3.59 2.48 .07 1.52					. 10	.45	.17	.02										.91			1.32	.80 2.08 .49	. 05		٠	.45 1.16 .48	.08	.47	.08 .26 .42 .16 1.05	5.82 5.53 6.34 2.68 4.37
GUNTERSVILLE DAM EALSTVILLE RAMILTON EATHEVILLE EELENA	.23	1.52 1.43 1.10 1.94 1.72	.02					.04	.41 T	.06	.02										.63	T		.27 .45 .03 .96 .33	.11	.04		.04 1.05 .25	.08	.49 .33 1.39 .50 .30	.16,	5.37 4.26 3.91 3.70 2.77
EIGHLAND HOME HIGHTOWER BODGES EUNTSVILLE SUBSTA BUNTSVILLE	.01	2.00 .60 1.72 .83 .02					т	.01	.50 .42 .44 .03	.57	. 20									.71	. 66	т	.03	.36 .18 .51	.50	.01	.03	.14 .31 .02 .01	. 50	.50 1.52	.30 1.29 .94 T	4.13
HYTOP JACKSON SHOALS JACKSONVILLE JORDAN DAM LA FAYETTE	.96	1.21 1.44 .03 1.76 .64				. 06		.03	.31	.11	.21 T				.04					.01	3.13	.06	.21	.12 .20 .66 .10	.18		.11	.32 .49 .31 .20	.70 .54	1.41 .97 1.29 .27 .49	.93 .20 .32 .42	8.06 4.00 3.96 3.31 2.13
LAY DAN 2 LEESS LEESSURG LIVINGSTON LOCKEART	1.74	1.73 1.59 1.48 .07				.10		T	T		T .10										. 55			.24 .21 .44 .52	.14	.12		.45	2.55 1.10 .12	.53 .85 1.12 .33 .40	.42	3.75 5.59 4.80 4.34 1.66
LOCK NO 2 LOCK NO 3 LOCK NO 4 LOCK NO 17	11.56							T	.05													Т	.02	.70 .14 .10	.32			.07	. 08	.81 1.10 .61 1.15 .67	.52	3.53 3.63 6.23
MADISON MAGELLA MAGNOLIA MARION 1 MILE SEE MARION JUNCTION	.81 .05 2.10 3.22 .16	2.08					T	.07	.12	.18	.02									1.28	.07	.02	.18	.53 .18 1.52 .90		.05	.01	.32 .25 .85 2.20	.01 .06 .40 .10	.67 .66 .46 .14	.01 .15	4.04 3.52 3.92 4.91 5.63
MARTIN DAM MAXWELL FIELD MEN'UH MERTE 3 MKLES E I NIDWAY	1.64	2.11 3.05 .02						.22	.25													T	.82	.37 T .30 .90	.15		.02	.11 T .90		.39 .06 1.84 .50 1.04		2.74 2.72 6.79 3.75 2.38
MILLERS FERRY		2.15	.56																					.41					.72	.04	.40	4.28

DAILY PRECIPITATION

ALABAM.

Table 3—Continued	v- ·														D.,	of m	onth										-				JEA.	¥ 1949
Station	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
MILSTEAD MITCHELL DAM MOBILE WB AIRPORT MOBILE WB CITY MONTE SANO	-	1.31						.43	.52 T		. 25	9,500									.45		.17	.73 .22 .15 .24 .53	T		т	.11 .33 T	.13	.33 .89 .41	1.04	3.75 1.62 3.10 3.21 6.14
MONTEVALLO MONTGOMERY WB APT MONTGOMERY WB CITY Z MOULTON R MUSCLE SHOALS	2.08 1.60 1.02	.07	,				.53	.51 T	.05	.06					.01	.10				.75		т	.43 .77	.53 .02 .03 .49 .27	. 92	.03	.09 .03	.80	.12 .31 .59	.49 .21 .07 *	.13	4.74 3.05 2.88 4.33 2.62
NEW BROCKTON NEWBURG NEW MARKET NEWTON ONEONTA	.68	.09 .69 1.51 .32 1.64						.01	.52	.27	.14					. 03					. 55		.24	.48 .05 .20 -	.60			.02	.,15	.43 .10 .84 -	.81 .01 .55 .16 .78	2.73 1.95 5.85 - 5.02
ORRVILLE OZARK PAINT ROCK PALMER DALE PERRYVILLE	1.28	2.46 .29 .02 1.75 3.11						.41	.05	.21										1.23				.36 .74 1.02 1.10 1.10	.02	. 05	٠	.74	.55 .01 * 2.05	1.04 1.95 1.24 .15	.07 .35 .25	3.75 2.38 6.57 6.39 5.30
PETERMAN R PICKENSVILLE PINE HILL PINE LEVEL R PLANTERSVILLE	.05	2.63 1.58 1.40 3.35							. 23	.12	т													.20 .20 .31 .32 .50	.42			.16	.05	.26 .65 .90 .28	.36	3.00 4.18 3.58 - 5.10
PLEASANT GROVE SCHOOL PLEASANT HILL R PRATTVILLE PRIMEOSE PARM PUSHMATABA		.96 .14 2.00 1.66 1.13							.07	.01	.60										.76		1.86	.18 .89 .77	.25		.08	.12 .47 .14	.03	.19 .18 .04 .28	.65 .03 .10 .23	3.92 4.62 3.39 3.18 1.89
RED BAY REFORM RIVER FALLS RIVER FALLS 2 MI ME ROBERTSDALE 7 MI E		.58 3.59 1.40 .07						.05	.11	.42	.22										т			.15 .04 .23	.85			.09	.24	.22 .81 1.58 1.06	.03	2.44 4.98 4.28 3.05 3.21
ROCK MILLS SAINT BERNARD SAND MIN STA FARM APT SAYRE SCOTTSBORO	1.30 .26 1.09	1.59					.10	.05	,33	.05 .11 .01	.02					.05				.66	.42	.02	.03	.85 .45 .48 .35	.50 .46 .02 .02			.27 .18 .05	.26	.06 .46 1.14 1.02 1.85	.92 .35 .09 .76	4.51 - 4.72 3.72 7.40
SCOTTSBORO SUBSTA SELMA SHEFFIELD TVA NRSY SHOEMAKER SPRINGS SLOCOMB		1.32 3.02 .87 1.33						.56	.29	.54	.04					.10					1.35 .28	.02	T .07	.16 1.39 .13	. 56	.04		.45 .29 .20 .60		1.46 .02 *	.56 T .09 .98	6.87 4.81 3.00 4.52 2.22
SNOW HILL SOUTH HILL SPRING HILL SWAIM SYLACAUGA	.01 T	3.00 2.40 1.72 1.18 1.68						.17	.18	.15	. 45					.05	.08				.70 1.72		.39	1.20 .14 .02 .30 .02	.12 .56			.21		.14 1.10 1.03 .65 .69	.01 .59 1.14 1.56	4.55 6.01 3.63 6.36 4.53
SYLVANIA TALLADEGA THOMASVILLE THORSBY 1 MILE SW R THURLOW DAM	1.12	1.98	_	-	-	-	-	.25	.38	.25	-	-	-	-	-	_	-	-	-	-	.60	-	*	.28 .40 .72 - .35	.42	-	.06	.28	.35	*	.40 1.93 .65 - 1.82	5.00 6.06 3.91 4.89
TIBBLE 2 MILES S TONEY R TRAFFORD Z TROY Z TUSCALOOSA AIRPORT	.20	2.56 .35 1.35 1.09					.03	.21 T	.43	.24										.17		т	.01	.40 .10 2.40 .03	.33	.02	.07	.06	2.51 .10 .25 *	.77 1.15 .15 .16	.10 .17 .16	7.81 3.70 4.03 4.02 4.41
TUSCALOOSA LOCK DAM TUSKEGKE UNION SPRINGS UNIONTOWN UNIVERSITY	.95	2.22									.05												. 65	.70 .90 1.08 .02	.30			.32 .30 .03 .20	T .30 .38	.86 .85 .20 .12	.28	4.86 3.00 2.79 3.08 3.73
VALLET HEAD VANCE VERNON R WAZELEY WALLACE	2.60	2.04 2.21 .90 2.20					.50	.58	.08	.59	-				-	.55				.67		_	.03	.06	.25 .21 .05 .90 .28		.29	.48	.96	.80 .49 .73 .50	.41 .70 1.91	6.79 76.07 6.73
WALNUT GROVE WEST BLOCTON WETUNDEA WHATLEY WHEELER DAM		1.18 2.10 1.38 2.53	3 .35						.02	.23	. 22				1					.10	. 29	.50		.40 .15 .69	.75	.11		.80 .19	.37	.60	1.36 .80 .02	3.96 3.73 4.44 5.51 3.05
WILSON DAM WINFIELD 2 MILES SW TATES HYDRO PLANT YOUNGS STORE	.07 .01	1.05	5					.09	.65	.40	.07					.05	.19				.73		T	.03 .03 .56 .13	.50	.05	T	.02 .02 .34		.02 1.60 .34 1.00	.01 .74	2.94 3.11 3.21 7.28

Table 4																				_				MA.	Y 1949
Co. III					A. M	f. Hou	ır əndii	ng									P. N	4. Hou	ır əndir	ig					74
Station	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
												-ls	+_	-	1								- 1		
ABBEVILLE																				.02	.01	. 08	.01	. 05	.17
ADDISON ANNISTON WB AIRPORT 6 ASHLAND //	_							_	.06	.01	_	1.31	.14	.09	.13	.07	.01	1.22	*	*	٠	*	*	*	1.82
ATMORE STATE FARM AUBURN SCS 10		_	.01	.01	.01												.19	.09	.57	.40	.04		.08		1.34
BELGREEN BERRY						*	*	.01	.01 *	*	.28	.22	.01	*	.05	*	.02	*	*	*	*	*		6.00	6.00
BEXAR 2 MILES SE BIRMINGHAM WB AIRPORT						.01	.01				. 69	.06	.10	.62	.10	.19	. 22	.19						.01	1.02
BOAZ CAMPBELL		03												.54	.20	.18 .80 .43	.19 .27 .20	.03	.08	.01	.01			.01	1.15
DADEVILLE NO 2 DOTHAN CAA AIRPORT EUTAW LOCK NO 7		.03				. 01	.01	.01		.01		. 01	1.29	. 45	.24	. 29	.14	.01		.03	.01		.01	.02	1.25 .13 2.58
FLAT ROCK FORT MORGAN //													.27		.16		.12	.02				.35	.98	.27	.82
FORT PAYNE GARDEN CITY													.98	.69	.32	.21	.17	.11							1.50
GREENVILLE NO 2 GUNTERSVILLE REC HALEYVILLE									.02	.05	.03	.88	.24	.10	.09	.01	.47	. 69	.32	.14	.24	.16	.09	.01	
HUNTSVILLE 6 JACKSONVILLE									.02	.01	.51	.03	.00	*	.38	* .06	*	.20	.78	.01	İ				.96
LAY DAM LOCK NO 1 //		.06	.20	.21	.04	. 03	,01								.10	. 49	.15	. 29	.25	.11	.09	.01	.01		1.50
MAGNOLIA MARION 1 MILE SSE				,										, 65	.33	.65	.83	.21	.19	.11	.01		.04	.06	2.10
MIDWAY MOBILE WB AIRPORT 6																		.12	.05	.03	.01	.10	.06	.0	.43
MOBILE WB CITY MONTGOMERY WB AIRPORT 6 MONTGOMERY WB CITY														*	*	* .08	.63	.10	1.22	.11	.14	.11	.14	*	1.60
MOULTON MUSCLE SHOALS 6								.03	*	*	.07	.28	.02	.01	.03	.51	*	.07	. 09						1.02
NEW BROCKTON PAINT ROCK													.78	.12	.20	.11	.07		.07	.01	.08		.19		.68 1.28
PETERMAN PLEASANT HILL																.21	. 69	.68	.73	.19	.19		.07	. 04	2.09 1.91 1.35
RIVER FALLS 2 MILES NE TEORSBY 1 MILE SW TONEY											, 27	.32	.08	.12	. 49	.35	.18	.28	.21	.11	.10		.11	. 02	1.74
TRAFFORD								.01	.01		.01	.02	.42	. 28	.14	,18	.16	.01	.24	.07	.15	.17	.17	. 05	1.22
TUSCALOOSA AIRPORT 6 UNIVERSITY	1.52						.02	.01	.04	.11	.02	.01	.17	.30	.92	.10	.20	. 20		.02	.09	.01	*	.01	2.13
VERNON						*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		*	2.14	2.60
ARBEVILLE	.06	.02	.01									-2	d-											1	. 09
ADDISON ANNISTON WB AIRPORT 6	.13			*	*	. 09	.01								-										.01
ATMORE STATE FARM BEXAR 2 MILES SE	.12	.03			.16	.12	.02				.01	.01				.01		.02							. 54
BIRMINGHAM WB AIRPORT BOAZ	0.7	.01	.01	.01		0.1		.01																	.07 .03 .25
CAMPBELL DOTHAN CAA AIRPORT EUTAW LOCK NO 7	.01	.06	.11	.06	.01	.01		.01		.01		.01													.15
FLAT ROCK FORT MORGAN //	.01	.02	.01	1	.12	. 24	.10	,01		.01									.06					İ	.06
FORT PAYNE GREENVILLE NO 2		.02	.01	.08	.04			.02	.01																.13
GUNTERSVILLE REC HALEYVILLE	.06	.04				.01	00																		.06
HUNTSVILLE 6 JACKSONVILLE LAY DAM		-	. 03		.01	.01	.02																	1	.03
MAGNOLIA MARION 1 MILE SSE	.01	.03	.05	.06	.03																				.18
MIDWAY MOBILE WB AIRPORT 6	1.01	4	*	.01	*	*	.74	*					.01											I	. 02
MOBILE WE CITY MONTGOMERY WE AIRPORT 6	.03	* 04			*	.19	.01											}							.71
MONTGOMERY WB CITY MOULTON NEW BROCKTON	.04	.11	.02		.03		.07																		.18
PAINT ROCK PETERMAN	.07	.01	.02	.10	.01	. 09	.01																		.02
PLEASANT HILL RIVER FALLS 2 MILES NE	.01	.01	.01	.07	.01	.01																			.14
THORSBY 1 MILE SW TONEY TRAFFORD	.06	.04	.01		. 33	.02			-	-	_		-	-	-	409	dia .	-	-	-			-		.35
TROY TUSCALOOSA AIRPORT 6	.12	*	.01		*		.24					ì									i			i	.01
UNIVERSITY		.01		.01		.01		.01		.01															.05
ADDWITT												-6t	h-					04	10	10	03				25
ABBEVILLE DOTHAN CAA AIRPORT MUSCLE SHOALS 6											*		.01			*	*	.04	.18	.10	.03				.35
and the second of																		}							
BERRY												-7t	h-		.04	.11	.03	.01			1			1	.20
BOAZ EUTAW LOCK NO 7 FLAT ROCK												!	.03	.02	00	.01		.01	.02	.01	1				.05 .05 .05
FLAT ROCK GUNTERSVILLE REC MOULTON											.01	1	. 53		.02	.03	, 04	.01	.01						.10
TONEY VERNON												- 1	*	*	.03			*	.50					-	.03
												-8t	h—												
ABBEVILLE												.08	.11		.01	.01	.08	.04	.01		-			1	.08
ADDISON AUBURN SCS 10 BEXAR 2 MILES SE												-			.07	.01	.08	. 04	.01		i				.07
BIRMINGHAM WB AIRPORT													.01							. 05	.10	. 01			.01

Station					A.	M. Ho	ur endi	ng									P. 1	M. Hou	r endi	ng					3
Station	1	2	3	4	5	6	7	8	9	10	11	12	1	2.	3	4	5	6	7	8	9	10	11	12	Total
GARDEN CITY GREENVILLE NO 2 GUNTERSVILLE REC HUNTSVILLE 6 LAY DAM MAGNOLIA MIDWAY MOBILE WB CITY MOULTON RIVER FALLS 2 MILES NE TONEY TRAFFORD														.10	.01 .15	.02 * .19 .01 .42 .01 .01	* .01 .01 .01 .07	.03	.68 .02 .01 .01	.03	,02	*	*	٠	1.00 .4 .7. .00 .22 .22 .44 .55 .4
ADDISON BELGREEN BEXAR 2 MILES SE BIRMINGHAM WB AIRPORT BOAZ	.04			.01	.01		.02					- 9	th—				.09	.01		.14	.09	.01 .04 .47	.05 .01 .02	.04	.4
FLAT ROCK FORT PAYNE RALEYVILLE HUNTSVILLE 6 MOULTON MUSCLE SHOALS 6	.11						.14	.01	.01	.01				*	*			*	.03	٠	*	.31	.01 .09 *	.03	.04
PAINT ROCK TONEY TRAFFORD VERNON				.01	.06		.01	.01				-10	th-						.13				.02	.05 .01 .01	. 05
ADDISON ANNISTON WB AIRPORT 6 BELGREEN BEXAR 2 MILES SE BOAZ EUTAW LOCK NO 7	.01						.03	*	* .01	*	*	.01		.01	.09	.02	.01	.04	. 02	.01	*	*	*	*	.00
FLAT ROCK FORT PAYNE GARDEN CITY GUNTERSVILLE REC HALEYVILLE HALEYVILLE HUNTSVILLE 6	.03	.01	*	*	*		.01	*	.20	,04	*		.02		*	.01	*	.02	.02	.01					.04
JACKSONVILLE MOULTON MUSCLE SHOALS 6 PAINT ROCK TONEY TRAFFORD	.01	.01	.01			.06				.08		.03		*	* .16 .03	*	*	* .02	.12	.01					.11
ANNISTON WB AIRPORT 6	.04											-11 -15													
DADEVILLE NO 2 MUSCLE SHOALS 6												-16	th-	*	.10	*	*	*	.01					. 02	
AUBURN SCS 10								.02	.01			-18			.10										.03
HUNTSVILLE 6												-19 -20			.08					*	*	*	*	*	. 08
BOAZ FLAT ROCK FORT PAYNE GUNTERSVILLE REC HUNTSVILLE 6 JACKSONVILLE	.01														.82	.01	.01 .01 .04	.29 .07 .61 .69	.04 .01 .22 .70		.13	.03	.03	.01	.34 1.10 .72 .91
MOULTON MUSCLE SHOALS 6 PAINT ROCK TONEY TUSCALOOSA AIRPORT 6																	.43	.03		.36	.02	.37	* . .10 *	.67	1.23
FLAT ROCK MUSCLE SHOALS 6 TUSCALOOSA AIRPORT 6	.15 .26 .02	.21								.02		-21													. 39
PLAT ROCK PORT PAYNE JACKSONVILLE											,	-22	?d-	.04	.31	.01					.26				. 26
ABBEVILLE ADDISON ANNISTON WB AIRPORT 6 BELGREN BELGREN BEXAR 2 MILES SE							*	*	*	* .12	.03	.01 .13 .02	d-	.05	Į				.02	.01	.17		.02	.01	. 23
BIRMINGBAM WE AIRPORT BOAZ CAMPBELL DADEVILLE NO 2 EUTAN LOCK NO 7 FLAT ROCK								.02	.02		.10	.05		.01	.24					.02	.48	.01	.01	.01	.17 .37 .50 .36 .26 .53

Table 4-Continued	1																D 1	- U						MA	Y 1949 —
Station	,	2	2				ur endi		-	10	,,	10	. 1	2	2	-4			ır endi		0	10	11	10	Total
GREENVILLE NO 2 BALEYVILLE HUNTSVILLE 6	1	2	3	4	5	6	7	8	9	.36	.05	12	1	*	3	*	5	6	.34	8	.18	.62	.50	.02	
JACKSONVILLE LAY DAM MAGNOLIA MARION 1 MILE SSE MIDWAY MOBILE WB AIRPORT 6								*	*	*	*	.13	.08	.01	.19	.01	.01	.01		.14	.15 .28 1.41	.01	.05	.01	1.55
MONTGOMERY WB AIRPORT 6 MONTGOMERY WB CITY MUSCLE SHOALS 6 MEW BROCKTON PLEASANT HILL TONEY								*	*	**	*	*	.12							.24	.01	1.61	.06	.24	.77 .24 1.86
TRAFFORD TROY TUSCALOOSA AIRPORT 6 UNIVERSITY VERNON					-			*	*	* .20 .01	.13 * .20 .01	.03 * .01	.01	.01	*	٠	. 09	* .07	.19	.08	* .01	.16	.40	1.55	.17
ABBEVILLE ADDISON ATMORE STATE PARM AUBURN SCS 10	.25	.17	.10	.03	.01	. 01			.15	.09	.01		th-			.07			.10	.26			.02	.05	.57 .26 .43
BEXAR 2 MILES SE BIRMINGHAM WB AIRPORT BOAZ CAMPBELL DADEVILLE NO 2								.16	.01	.01	.22	.14	.01		.17	.02	.73	.01							.17 .17 .02 .65 .74
DOTHAN CAA AIRPORT EUTAW LOCK NO 7 FLAT ROCK FORT MORGAN // FORT PAYNE GARDEN CITY	*	*		*	*	*	*	.01	.01	*	.09	.04	.06	.01		. 02	.01	.03	.24	. 05	.10	.02			.10 .02 .22 .34 .44
GREENVILLE NO 2 GUNTERSVILLE REC HALEYVILLE HUNTSVILLE 6 LAY DAM LOCK NO 1 //	.37	.11	.01					.01	.06	.04			.18	*	.04	* .14	* .01 .26	*	.33						.14
MARION 1 MILE SSE MIDWAY MOBILE WB AIRPORT 6 WOBILE WB CITY HONTGOMERY WB AIRPORT 6 MONTGOMERY WB CITY	.06										.01		10	*	*	.04 * .04 *	*	*	.15		.20				.04
MOULTON MUSCLE SHOALS 6 NEW BROCKTON PAINT ROCK PETERMAN RIVER FALLS 2 MILES NE TONSY	.05	.01	. 09	.18	.15	.03	.02		.01	.09	.01	.48	.19	* .	.03	* .21 .18 *	* .30 .01 *	*	.01	*	*	4		*	.48 1.02 .20 *
TRAFFORD TROY TUSCALOOSA AIRPORT 6	.09	.02	.10		.01	.03	.03			.40	.21	-25	th-	*	*	.05		*	.03						. 26
FORT MORGAN // MOULTON VERNON		.02		.01	.01		.02						th-							.05					.04 .02 .05
BELGREEM PLAT ROCE HALEYVILLE HUNTSVILLE 6 WUSCLE SHOALS 6 PAINT ROCE TONEY		*	:	*	* * . 02	.02	.01						.19	.01											.02 .20 .02
ABBEVILLE ADDISON ANNISTON WB AIRPORT 6 BEXAR 2 MILES SE											.05	.01	th— .05	.01	*			.05		.31	.06		.01	1	.06
BIRNINGHAM WB AIRPORT BOAZ DADEVILLE NO 2 EUTAW LOCK NO 7 FLAT ROCK FORT PAYME GARDEN CITY							and the same and t				.01	.01	.02	.01		.01			.01	.01		. 02	.01 .05 .23	.27 .07 .01 .11 .16	.27 .10 .12 .34 .16 .03
GUNTERSVILLE REC HALETVILLE HUNTSVILLE G JACKSONVILLE LAY DAW MARION 1 MILE SSE											.10	.04		.02	*	۰	*				.14	.83	.10	.01 .05 .32 .44	1.04 .11 .46 .83
MIDWAY MONTGOMERY WB AIRPORT 6 MONTGOMERY WB CITY PAINT ROCK TONEY TRAFFORD TUSCALOOSA AIRPORT 6 UNIVERSITY VERNON		.03	. 12									.02	.04		man man man and a physical and the section		.13	.11	.13	* * * .01	.03	*	.03	.04	.15 .03 • .07 .06
ARBEVILLE ANNISTON WB AIRPORT 6 BELGREEN BERRY		٠			* .03	.07					-	28	th-	.10	.09	.01		.01							.20
BIRMINGHAM WB AIRPORT BOAZ CAMPBELL	.01								-	-	-	-	-	_	-	.01	.02	-	.01	_	.01	_	-	-	.02

					A. 1	M. Ho	ur endi	ing									P. 1	м. Но	ır endi	ng					
Station	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
DADEVILLE NO 2 EUTAW LOCK NO 7 FLAT ROCK FORT PAYNE GARDEN CITY GREENVILLE NO 2 HUNTSVILLE 6 JACKSONVILLE LAY DAW LOCK NO 1 //	.06 .03	.09	.11	.11	*	* .01	.01	.01				.01		.11	.20		.85	. 26	.05		.37	.01		.01	. 2: . 00 . 3: . 00 . 4: 1. 16 . 3: . 18 . 4:
MAGNOLIA MARION 1 MILE SSE MIDMAY MONTGOMERY WB AIRPORT 6 PLEASANT HILL RIVER FALLS 2 MILES NE TONEY TROY TUSCALOOSA AIRPORT 6 UNIVERSITY	.03 .09 .06 .05 .13	.01	*	18	201	*	.03						. 1	.01	. 22	.01	.33	.12		.05			.01		.0:
ABBEVILLE ADDISON ANNISTON WB AIRPORT 6 ATMORE STATE FARM AUBURN SCS 10 BELGREEN BERRY BEXAR 2 MILLES SE BIRMINGHAM WB AIRPORT					.10		.01	.01	*	*	*	.08 *	th- *	.02	* .29	* .31	.20 .16 * .04	.25 .13 1.26 .07 *	* .12 .10 *		* .01 .03			* .01 *	1.63 .55 *
BOAZ DADEVILLE NO 2 EUTAW LOCK NO 7 FLAT ROCK FORT MORGAN // FORT PAYNE GARDEN CITY GREENVILLE NO 2 HALEVVILLE JACKSONVILLE						.01	.05	.01	.05	.01	.01	.01	.03	.30	.02	.03	.01	.04		.03	.02	.02	.01	.03	.6 .6 .7 .1: .3: .0: .4 .0:
LAY DAM LOCK NO 1 // MAGNOLIA MARION 1 MILE SSE MIDMAY MOBILE WB AIRPORT 6 MOBILE WB CITY MONTCOMERY WB AIRPORT 6 MONTCOMERY WB CITY MOUNTON PETERMAN PLEASANT HILL TONEY TRAFFORD TROY TUSCALOOSA AIRPORT 6	.01	.01	.01	.01	.02	.03	.27	.04	.10		.18		.02	.01 .03 .02 .02 *	.03	.52 .17 * .38 * .02 .12 .01 .01	.35 .10 .10 * * * .29 .31 .01	.01 * .01 * .16 .01	.01	*	.02	٠	٠	*	.4 .8 .4 .0 .0 .6 .3 .5 .0 .0 .0 .1 .6 .0
UNIVERSITY VERNON ABBEVILLE ADDISON ANNISTON WB AIRPORT 6 ATMORE STATE FARM	. 59	*	* .01	.01	.09	.06	.03	.01	*	*	.01	.01 -30 .02 :28 :03	th- .01	.01	.03	.06	.02	.01	.01		* .01	* .01	* .01	.01	.3 .9
AUBURN SCS 10 BELGREEN BERRY BERRY BERRY BOAZ DADEVILLE NO 2 DOTHAN CAA AIRPORT EUTAW LOCK NO 7 FLAT ROCK	*	* .04 .01 .04 .02	.02 .04 .01 .01	.04	.36 .20 .04	* .01 .05 .08			.09 .02 .60	.01	.04	.01	.15	.01	.02	.01	, 02				.46	.01			.6 .3 .4 .9 .6 .1
FORT MORGAN FORT PAYNE GARDEN CITY GREENVILLE NO 2 HALEYVILLE HUNTSVILLE 6 JACKSORVILLE LAY DAM LOCK NO 1 //	.02	.01	.15 .03 *	.01 .06 .09 .03 *	.07 .04 .12 .01	.01 .36 .07 .11 *	.13 .13 .04 .53	.25 .13 .01 *	.16 .06 * .08	.01	.01 .02 .09 * .04	.01	.98	.02	.01	.04		.02	.12	. 09	.01	.01	.03	.01	.3 1.1: .7 .2: .3: 1.2:
MAGNOLIA. MARION 1 MILE SSE MIDMAY MOBILE WB AIRPORT 6 MOBILE WB CITY MONTGOMERY WB AIRPORT 6 MONTGOMERY WB CITY MOUNTGOMERY WB CITY MOULTON MUSCLE SHOALS 6	.03	*	.02	.01	.01	.01	.02	.04 * * .04	.04 * * .03	.01	.36	.03	.24	*41	*	*	.02	.06	.59 .09	.18 * .01	*	*	.03	*	.41
NEW BROCKTON PAINT ROCK PETERMAN PLEASANT HILL RIVER FALLS 2 MILES NE TONEY TRAFFORD TROY TRUSCALOOSA AIRPORT 6 UNIVERSITY VERNON	*	* .01 * .01	* .14	* .01 * .14 * .17	* .11 .03 * .02 .18	* .59 .08 * .02 .31	* .05 .18	* .02 .18	* .01	* .08	.06 * .02 * .03	.75	.02 * .02 .35 .01 .05	.07 * .07	.02	8 3	.02 1.95 .01	.13				.01	.01	.01	. 43 1.95 .26 .18 1.58 .77 .89 .10
ANNISTON WB AIRPORT 6 ASHLAND // BIRMINGHAM WB AIRPORT BOAZ CAMPBELL DOTHAN CAA AIRPORT FLAT ROCK	.08	-			-	-	*15	.08	.01	* -	* -	-31s	st— - -17	.01	.39	-	- .06 .08	80	-	-	-	-		-	.39 .42 1.10

Table 4-Continued

HOURLY PRECIPITATION

ALABAMA MAY 1949

Table 4-Coaddaed																									
0					A. 1	M. Ho	ur endi	ng									P.	М. Но	ur endi	ing					3
Station	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	F
PORT MORGAN // GREENVILLE NO 2 GUNTERSYILLE REC HUNTSVILLE 6 JACKSONVILLE 1AY DAM MOBILE WE AIRPORT 6 MOULTON MUSCLE SHOALS 6 NEW BROCKTON PAINT ROCK PLEASANT HILL THORSBY 1 MILE SW TROY UNIVERSITY	.01		*	.01	,01	.01	.09	.05	.21	.06	.16	. 14		-				.01		_	.03	-	-		.03 .42 1.05 .32 .62 .13 .81 .35 .03

Table 5																																MAL	1343
Station	-	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Day	of mo	nth	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
ALEXANDER CITY 6 MI NE MAJ		74	83	75	85	86	88	91	90	91	87	79	76	78	83	85	87	87	87	88	88	89	88	87	89	84	80	84	85	84	81	82	84.5 .
ANDALUSIA MAX	K	78	85	83	52 85	52 85	87	57	90	58	57 89	59 84	51 74	48	52 82	55 85	59 87	56 88	57 87	54 89	90	59 90	71 90	69 89	65 94	90	46 83	56 88	62 92	62 86	88	88	57.5 86.4
ANNISTON WB AIRPORT MAX	K	82		84	86	61 89	90	90 .	91	87	76	60 75	59 77	84	85	59 88	58 87	87	64 87	87	60 89	66 88	69 88	84	67 86	79	54 83	82	66 86	68 78	81	65 80	62.4 84.3
ATMORE STATE FARM MAX	K	85	57 . 82	55	53	90	56 91	91	93	90	58 83	58 75	52 , 82		52 89	54 88	59 89	90	90	55 90	90	60 89	69 89	91	62 93	83	46 88	93	60 90	86	84	65 83	57.5 87.6
AUBURN MAR	K	73	83	78	68 84	63 84	88	90	90	90	69 87	80	57	76	57	58 84	60 87	85	87	59 84	64 88	62 89	73	69 . 88	72 88	61 87	57 81	65 85	68	84	81	65 79	63.8 84.4
BAY MINETTE MAX	K	56 84	59 82	87	55 88	54 89	62 89	90	59 89	89	59 82	58 73	53 82	50 85	56 85	56 86	59	89	88	59 88	60 89	61 87	67 89	90	63 91	57 81	87	55 91	88	62 85	80	83	58.9 86.2
BIRMINGHAM WB AIRPORT MAX	K	80	63 74	85	87	63 89	90	88	87	65 88	69 74	59 75	78	82	57 84	58 86	87	86	87	87	88	67 87	72 88	69 84	87		57 85	65 84	67 86	65	83	81	63.4 83.9
BIRMINGHAM WB CITY MAX	r	72	79	73	88	88	91	94	92	87	88	57 75	77	82	54 84	86	87	62 87	90	58 89	89	88	87	87	85	54 88	50 82	55 87	62 86	84	78	83	59.1
BREWTON 3 MILES SSE MAX	Κ.	82	85	58 85	86	63 87	63 89	90	91	90	89	56 84	73	81	83	80	86	65 89	90	90	90	91		90	93	91	54 85	90	93	89	87		61.9 87.3
CENTREVILLE MAX	K	75	84	84	88	57 89	57 91	58 94	95	94	90	79	53 78	83	52 86	54 89	90	89	90	58 90	58 91	91	90	90	90	90	54 82	57	91	89	88	83	
CITRONELLE MAX	ς	83	82	58	87	65 88	69 89	89	89	70	80	76	80	84	63 85	85	86	88	88	65 87	90	87	89	75 91	90	82	62 86	91	68 85	84	86	82	66.6 85.9
CLANTON MAX	1 2	73	82	67 79	85	85	88	91	90	90	88	58 80	58 77	80	59 84	87	62 89	88	89	63 88	90	92	90	70 91	90	90	57 83	86	90	86	65 79	83	64.8 85.9
CORDOVA MAX	[]	79	74	58 85	90	55 89	90	59	85	62 88	78	57 86	57	52 86	55	57 80	63 89	89	90	57 89	89	67 89	90	70 86	64 86	57 86	51 84	56 84	62 86	65 81	64 82	66 85	85.4
MAX NOTYAG	x	79	85	82	80	58 82	88	90	90	90	90	58 78	75	89	53 85	54 86	59 87	88	90	90	90	63 91	90	63 90	90	59 92	81	53 87	93	82	80	62 83	57.4 86.2
DECATUR MAX	X)	70	77	72	81	87	87	88	89	63 85	62 85	56 70	71	76	52 81	82	84	87	88	88	87	88	85	70 88	81	78	73	81	75 75	83	65 79	63 78	81.5
DOTHAN CAA AIRPORT MAX	X	55 89	82	56 87	57 85	58 90	62 9 4	93	95 95	62 92	59 89	53 79	53 80 59	54 84	55 85 55	60 88 60	64 89 60	90	65 88	91	94	98	90	95	93	55 85	55 89	94	59 88	90	65 85	90	60.7 89.1
EUFAULA MAX	X	80	86	84	65 89	58 89	91	93	91	68	89	59 85	77	79	85	85	88	89	90	90	92	65 92	92	89	89	90	55 85	85 50	91	69 85	68 83	68 82	63.1 87.3
EVERGREEN MAJ	X}	86 64	78 63	61 84 61	87 66	54 85 58	90 61	90 62	90 62	65 92 63	65 88 68	83 61	57 73 58	51 81 53	55 85 54	58 84 55	58 88 56	63 91 62	91 63	90 74	90 61	67 91 66	91 70	72 92 70	93 73	61 92 60	52 95 52	59 89 60	93 66	66	67 89 66	68 82 64	61.6 87.8 62.4
FAIRHOPE MAX	X	85 57	82 63	87	88 67	88 62	90	91 65	90	89	84 65	78 59	82 57	83	83	86 59	86 60	88 63	87 63	86 59	88	B7	B8 72	90	■0 65	84 62	90 55	91	88 70	88	86 66	85 63	86.7 63.3
FAYETTE MAI	x	74 57	75 60	79 54	89 51	88 53	90	91 55	92	90	86 58	72 52	77 49	82 48	84 52	86 52	87 57	87 55	89 60	89 58	88 58	89 67	87 72	89 59	88	86 50	87 46	87	88 60	86 62	79 65	84 66	85.3 57.0
FORT MORGAN MAX	K	78 67	80 65	78 68	83 67	85 68	87 68	88 64	91 65	86	84 70	83 63	76 59	81 57	80 62	81	86 66	83 64	85 70	84	85 71	85 72	85 76	86 76	86 77	85 68	85 59	89 65	88 74	86 71	85 71	84	84.1 67.3
FRISCO CITY MAN	g!	75 64	84 62	84 62	85 67	86 61	89 62	90 63	90 64	91	87 62	82 60	75 56	81 54	85 55	86 56	88 57	89	90 62	90 57	90	90	88	89 70	90 72	91 59	83 55	88 62	91 65	88	86 65	86 63	86.7 62.2
GADSDEN MAX	ĸ	73 54	80 58	75 50	85 48	88 52	92 49	91 56	91 58	90 58	89 55	77 59	76 54	80 48	84 49	85 51	88 55	88 57	90 55	90 52	90 56	90 60	88 68	87	86 60	84 54	78 45	84 50	80 58	86 60	77 65	80 65	84.6 55.5
GENEVA MAX	x	83 65	88 63	83 61	89 64	88 58	91 59	94 61	95 61	93 63	93 63	85 59	83	82 50	82 51	88 54	90 58	92	92 63	92	94 61	96 62	92	91 67	94 66	91 61	87 52	94 58	93 65	89 66	88 65	81	89.5 60.8
GOODWATER MAA		72 55	81 59	74 56	83	84 55	88 61	90 62	90	89 62	89 57	78 58	75 54	77 50	83 54	84 56	87 62	86 63	86 62	86 57	89 59	90	89 70	89	90 63	85 58	80 49	83 55	85 63	85 62	78 63	83 65	84.1 59.3
GREENSBORO MAX		77 63	83 62	83 57	89 62	86 57	89 61	92 61	90 65	90 63	90	78 55	77 55	81 54	87 58	88 58	87 60	88	89 65	89	90 63	91 67	90 71	91	90 66	90 59	90 54	86 59	90 66	79 66	80 61	79 65	86.4 61.5
GREENVILLE MAX		73 64	84 62	82 62	85 63	85 59	89 66	90 65	91 65	90 64	89 64	83 59	73 58	82 55	84 56	87 58	89 59	88	91	89 59	92 63	91 65	90	90	91	89 60	82 55	85 59	90 66	81 65	84 66	85 67	86.3 62.3
HALEYVILLE MAJ		66 53	70 53	73 57	84 58	85 62	87 64	86 64	87 63	86 62	84 57	70 52	71 52	76 55	81 59	82 62	84 62	85 61	85 63	85 64	84 65	85 65	83 68	85 62	79 64	79 53	73 54	80 54	80 60	81 62	76 62	79 65	80.4 59.9
EIGHLAND HOME MAX				80 62	84 63	87 60	89 63	90 64	89 65	88 63	81 57	74 57	76 56	83 59		87 60	88 61	89 60	90 62	89 65	91 69	92 69	88 65	83 68	83 61	89 64	84 63	88 64	81 65	81 65	81 65		85.2 62.7
EUNTSVILLE MAX		77 60	75 57	84 52	86 53	89 56	89 60	88 57	87 57	85 60	72 59	72 53	78 52	85 50	84 52	87 54	87 60	88 66	88 66	87 59	89 65	87 65	87 67	81 58	76 60	74 53	82 50	78 53	82 61	78 63	81 65		82. 7 58.4
LA FAYETTE MAX		82 58	78 58	83 56	84 55	89 56	90 60	90 60	90 60	88 62	80 58	76 52	76 52	83 53	84 53	87 58	86 58	87 57	85 58	88 65	89 63	86 63	88 68	85 67	85 62	79 57	82 52	85 57	85 62	81 61	80 63		84.2 59.0
LIVINGSTON MAX			82 62	85 51	87 60	83 58	90 59	89 60	89 64	88 62	79 61	76 56	80 54	84 53	85 55	86 56	87 59	88 64	88 64	89 60	90 63	89 66	90 70	89 69	90 66	80 59	87 53	90 59	84 66	77 65	83 65		85.5 60.8
LOCKHART MAX			84 63	82 64	8 5 66	84 62	87 63	90 65	91 62	92 65	90 68	85 60	75 59	80 55	83 55	84 58	86 60	89 62	89 62	88 60	90 61	91 63	89 67	89 69	92 70	92 60	84 53	89 60	93 65	87 67	87 66		86.8 62.7
LOCK NO 4 MAX			81 59	75 55	88 52	86 54	89 57	89 57		87 59	85 58	75 59	75 54	78 49	82 53	85 55	87 57	86 56	89 57	88 -55	87 57	87 61	86 70	87 63	84 56	86 54	78 48	83 53	83 60	84 60	79 62		83.6 57.0
MADISON MAX		77 58			88 54	91 56	90 58	90 57		86 58	77 55	72 49	79 49	84 49	87 53	86 54	88 59		88 61			85 61	86 68	82 57	77 59	77 50	82 50	78 52	85 57	80 59	83 63		83.8 56.3
MAXWELL PIELD MAX				87 61		88 61		91 65		90 66		77 62	78 60	83 58	85 60	87 61	88 62	88 65	88 67	90 61	91 67	90 70	92 72		91 67	83 61	86 59		87 67	84 69	84 68		86.7 64.3
MOBILE WB AIRPORT MAX				86 65		88 63				88 65		78 58	81 58		84 58		84 62	86 63	87 65	88 61	88 64	85 71	86 74	88 72	89 65	84 62	88 58		86 68	87 67	85 66	86 60	86.0 64.1
MOBILE WB CITY MAX			81 66	87 67	87 69	88 66	90 66	91 69	92 65	87 69	83 66	75 60	81 59	83 60	85 60	83 62	86 64	85 66	85 69	86 64	89 68	86 73	87 76	90 75	88 67	83 65	87 61	89 69	84 71	83 88	84 67		85.5 66.4
MONTGOMERY WB AIRPORT MAX		85 62	81 63	86 59	87 61	90 58	94 62	91 62	92 64	89 64	80 62	77 59	80 58	85 54	87 55	88 58	87 61	88 60	87 63	89 59	90 64	89 66	92 72	90 65	90 65	84 59	85 55	91 59	86 65	86 67	82 65		86.9 61.7

Table 5-Continued

Sheki																Day	of mo	nth															age .
Station	,	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
MONTGOMERY WE CITY	MAX MIN	85 62		85 62	85 64	89 62	92 68	92 67	92 68	89 67	78 63	76	78 59	83 59	87 61	87 63	86 66	87 65	85 66	89 65	89 66	88 68	91 72	88 65	88 65	82 62	84 59	90 64	86 66	81	83 66	86 67	85. 64.
MUSCLE SHOALS	MAX	72 60		83 55	86 59	87 61	92 61	89 63	87 62	85 61	69 56	73 52	78 54	83 52	88 56	83 59	86 63	87 62	86 66	84 65	86 62	85 66	87 73	77	73 59	76 53	81 54	76 58	85 60	78 67	80 64	84 68	82.6
ONEONTA	MAX	71 55	78 55	75 53	83 52	88 54	88 52	90 55	91 58	92 60	93 55	78 57	80 58	78 49	85 53	88 59	87 60	88 58	90 65	90 55	90 58	91 64	88 71	88 61	85 61	85 55	77 48	80 50	84 53	88 62	78 64	82 65	84.1
OZARE	MAX MIN		82 62	86 63	82 64	90 58	92 66	93 62	93 66	92 66	87 65	80 59	79 59	85 54	86 56	88 59	90 59	90 63	89 62	92 62	94 63	93 64	90 68	94 70	89 64	86 60	86 56	92 62	86 66	86 67	82 70	85 67	87.5
PRATTVILLE	MAX	76 60	84 62	81 58	86 59	86 55	91 60	90 61	90 62	91 62	89 63	79 60	75 58	72 54	85 52	86 56	87 60	88 58	88	88 57	89 58	90 61	90 75	91 68	87 65	89 60	82 54	85 55	90 62	86 67	83 61	83 67	85.
PUSHMATAHA .	MAX	79 67	83 62	83 56	83 58	85 56	82 60	88 61	90 62	90 62	88 62	76 56	76 54	90 52	85 54	85 65	85 56	87 56	89 62	88 59	87 67	89 67	87 72	91 72	90 67	92 59	81 52	90	91 62	81	81 65	85 64	85.3
ROBERTSDALE 7 MILES E	MAX MIN	83 70	83 63	88 63	86 66	87 60	90 61	90 65	92 66	88 67	83 68	76 58	82 57	84 55	84 54	84 56	85 58	86 60	84 63	89 58	88 62	86 69	85 72	88 68	89 70	84 61	89 55	91 63	86 66	85 68	80	84 63	85.8
ROCK MILLS	MAX	77 54	82 59	76 53	85 51	87 52	93 53	93 58	93 58	92 60	90 57	81 57	77 53	79 49	83 49	87 54	90 56	85 54	88 54	87 55	89 57	89 59	87 65	88 69	90 63	84 58	82 48	84 50	86 55	86 62	83 63	79 65	85.5 56.5
SAINT BERNARD	MAX	78 51	76 53	73 51	84	87 54	89 60	88 60	89 59	90 60	87 56	72 54	72 50	78 49	84 52	83 50	87 54	37 56	89 57	88 54	88 59	89 67	87 70	88 59	84 60	83 53	83 48	83 52	79 59	85 62	77 63		83.6
SCOTTSBORO	MAX	77 60	76 57	87 57	89 51	92 55	92 52	88 52	90 60	87 60	75 57	77 56	80 50	85 50	86 52	87 55	88 60	90 58	89 58	88 57	88 60	87 63	87 70	83 60	79 62	78 55	82 49	79 52	85 60	80 59	79 64	81 65	84.2
SELMA	MAX	78 60	85 62	80 60	85 62	85 60	85 62	90 63	89 65	88 65	87 65	78 . 58	75 59	77 55	82 57	84 58	85 61	86 62	87 63	85 59	87 64	89 69	88 73	90 71	89 65	88 60	80 55	84	87 65	80	83 68		84.4
SPRING HILL	MAX	79 71	78 64	80	85 67	86 64				90 65	88 69		81 58	83 57	ı		86 57	87 65	89 67	87 61	89°			90 71	91 74	89 61	85 57	90 67		85 68	82 67	81 63	85.5 64.8
TALLADEGA	MAX	81 60	74 60	85 56	86 54	89 54	90 56	90 56	90 57	88 60	77 57	76 60	77 52	85 50	85 53	87 54	87 60	88 60	88 64	88 57	90 58	89 61	89 71	86 71	87 61	80 56		84 47	86 62	77 61	81 64	82 66	84.7
THOMASVILLE	MAX	76 60	84 61	82 60	84 64	87 61	89 62	88 63	89 66	90 63	88 61	77 57	74 56	80 56	84 59	86 60	87 61	88 61	90 64	90 59	88	90 65	88 69	91 69	91 66	91 59	80 53	85 55	91 63	85 66	80 65	85 62	85.7
TROY	MAX	77	85 61	81 62	85 64	84 59	88 66	91 63	91 65	92 65	90 65	83 59	75 57	78 55	84 58	85 57	88 58	87 61	89 63	85 59	90 65	93 66	91 69	91 70	89 64	90 59	82 56	84 63	90 64	87 65	86 67	78 65	86.1 62.4
TUSCALOOSA AIRPORT	MAX	82 62	78 61	88 54	90 57	90 56	92 58	91 63	91 61	88 63	74 60	78 56	80 55	86 53	88 54	89 56	89 60	91 58	91 63	90 59	91 60	89 68	91 70	86 65	89 61	82 57	87 50	91 55	86 64	81 65	85 67	88 67	86.8
TUSKEGEE	MAX MIN	81 60	86 63	86 60	85 62	90 59	91 61	91 61	91 62	89 62	81 62	81 62	80 62	85 66	86 54	89 61	91 62	89 56	82 60	90 59	91 62	90 62	91 63	92 68	89 62	90 60	85 61	89 57	90 68	89 62	84 64		87.5 61.4
UNION SPRINGS	MAX	77	85 62	80 61	86 62	86 58	88 62	91 62	91 64	92 63	89 64	82 60	76 56	77 54	84 58	85 59	87 59	88 64	89 62	87 63	89	90 66	89 66	90 68	89 65	89 57	81 52	84 58	89 63	85 65	85 65	82	85.9 61.6
UNIVERSITY	MAX	78 61	78 61	88 55	89 57	90 57	93	92 59	90 63	90 64	74 61	79 58	81 56	86 53	87 56	89 58	90 62	90 61	87 67	90 60	93 64	89 70	91 72	86 66	88 63	82 58	86 54	90 59	84 64	79 66	84 66	86 69	86.M
VALLEY HEAD	MAX MIN	72 52	78 55	80 55	84 58	86 60	89 51	89 60	89 60	89 63	86 61	86 60	84 54	83 53	84 53	86 56	84 57	84 57	84 64	84 54		86 61	84 60	84 61	82 59	80 52	76 51	79 51	79 57	82 57	78 61	76 63	83.1 57.3
WETUMPKA	MAX	77 60	82 62	79 60	87 60	84 56	89 57	94 61	92 63	89 63	88 63	81 61	77 58	80 53	84 55		87 61	85 62	86 65	88 59		89 64	88 71	91 71		88 60	85 54	86 57	90 64	86 67	82 66	83 68	85.7 61.5

EVAPORATION AND WIND MOVEMENT

Table 6		T								-							Day	of m	onth															end	ture
Station			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Tota	Dopar fr m
AUBURN	E7	VAP	11	29 52	17	. 29	.28	.29	.30	.29	. 22	33 28	.32	10		.30		. 25	33 35		.29		.37	.26	96	32	.52	.31	.29	.27	.20	.16	.17	7 82 1 042	
PATRHOPE		VAP	05		20 19		21 38	. 25	. 23	. 25	. 26	. 26	. 21 46	.19	.23	24 24			25 21	. 24	25 32		.26	.18						.18		14	.15	1 52	

																			MAY 1949
Station	Index No	County	Drainage:	Latitude	Elevation	Temp Turb dual	ac	Refer to tables	Station	Index No	County	Drainage;	Lattude	Longitude	Elevation	Obse	n	Observer	Refer to tables
ABBEYILLE ADDISON ADDISON CENTRAL TOWER ALBERTA ALBERTYILLE 1 MI S ALEXANDER CITY 6 MI NE ANDISTON ANDISTON	0063 0071 0117 0146 0163 0178 0252	HEMRY WINSTON LAWRENCE LIMESTONE NILCOX , MARSHALI TALI APOOSA PICKENS COVINGTON CALHOUN	12 12 12 13 13	14 25 87 19 14 41 86 53 12 14 87 25 14 16 86 13	1500 600 1114 660 346 724	1P 8A	AID J. P. MITCHELL AID PALMER GODSY 7A U.S.F.S. 7A U.S.F.S. 7A POLY. INST. 8A SIDNEY J.BADY. SR. 1D PAT M. COURLINTON 8A F E. BLACKERN 7A HOSIE PHILLIPS 8A WM. M. GARRET 6P U.S. WEATHER BUREAU	3 4 3 4 3 3 5 3 5 2 3 5 5 CLOSED 4/16/49	LOCE NO 3 LOCK NO 4 LOCK NO 17 MADISON MAGELLA MAGNOLLA MARION I DURCTION MARTIN DAM MARKELL PIELD	4845 4855 4976 4996 5004 5108 5116 5140	CHOCTAW TALLA DEGA TUSCALOOSA MADISON JEFFERSON MARENGO PERRY DALLAS TALLAPOOSA MONTGOMERY	3 3 11	33 38 33 29 34 42 33 30 32 08 32 37 32 26 32 40	8 86 11 8 87 20 2 86 45 0 86 51 8 87 39 7 87 18 6 87 14	33 510 280 573 654 263 204 340 165	600	7A 1 6P 1 6A 1 8A 1 8A 1	U. S. ENGINEERS U. S. ENGINEERS U. S. ENGINEERS HARRY F. CARTER ALABAMA POWER CO. D. TH. GAILLARD D. HYRON HOLIFIELD WES MARGARET SMITH ALABAMA POWER CO. U.S. ARMY AIR FORCES	3 5 3 5 3 5 3 4 3 4 3 4 3 3 5 5
ANNISTON WB AIRPORT ARLEY ASHLAND ASHVILLE ATHROSE ATHROSE ATHORE STATE PARM ALBURN ALBURN ALBURN ALBURN BLOCAVILLE BARTON	0338 0369 0377 0390 0402 0422 0427	CALHOUN WINSTON CLAY ST. CLAIR LIMESTONE ESCAMBIA FEE LEB AUTAUGA COLBERT	2 3 11 3 7 3 12 3 8 3 11 3 1 1 3 1 1 3	4 48 86 59	880 709 732 463	6P 8A	IID U.S. WEATHER BUREAU 7A MRS. LESSIE BILLER IID BENRY L. MC QUEEN 8A NORMAN R. PRICKETT 7A TVA-62 6P ATMORE STATE PARM 8A MRS. MARTHA I. MOORE IID SCS 8A J. B. NEIGHBORS 7A TVA-462	2 3 4 5 3 4 3 3 4 3 3 4 5 2 3 4 5 6 3 4 3 3 3	MERLYIN MERTZ 3 MILES E MIDMAY MILLERS FERRY MILLERS FERRY MILETEAD MITCHELL DAM MOBILE WB AIRPORT MOBILE WB CITY MONTE SAMO	5382 5397 5417 5427 5439 5465 5478 5483 5529	CHOCTAW BIBB BULLOCE WILCOK WASHINGTON MACON CCHILTON MOBILE MOBILE MADISON	3 4 1 13 11 7 9 9	32 04 32 06 31 38 32 27 32 48 30 41 30 42 34 45	8 87 20 8 85 32 8 87 22 8 88 19 7 85 54 8 86 27 8 88 12 8 88 02 8 86 31	78 362 206 350 10 1650	MID I	SA I SA I SA I SA I SA I SA I MID I	JOHN R. LAND USPS MATHEW W. HALL NORMAN D. WILLIAMS MARDIS M. BLOUNT T. C. CARR ALABAMA POWER CO. U.S. WEATHER BUREAU U.S. WEATHER BUREAU UVA-530	3 3 3 4 3 CLOSED 4/27/ 3 2 3 4 5 2 3 4 5 3 3
BAY MINETTE SEATRICE BELGGEEN SEERY SEXAR 2 WILES SE BILLINGSLEY SIRMINGBAM WB AIRPORT BIRMINGBAM WB CITY SISHOP BOAZ	0616 0631 0748 0790 0823 0831 0836 0854	BALDWIN MONROE FRANKLIN FAYETTE MARION AUTAIGA JEFFERSON COLBERT MARSHALL	1 3 3 1 3 3 1 3 3 2 3 3 2 3 3 2 3 3 2 3 3	2 40 86 43 3 34 86 45 3 32 86 50 4 39 88 05 4 13 86 10	470	MID	7P GROVER W. WOODWARD 7A W. P. DUINN (1D TVA-43 (1D TVA-43 (1D MISS CLARA R. OLIVE (1D MIS CLARA R. OLIVE (1D MISS CLARA R. OL	3 4 5	MONT EVALLO MONTCOMERY WB AIRPORT MONICOMERY WB CITY MOULTON MUSCLE SHOALS NEW BROCKTON NEW BROCKTON NEW MARKET NEWTON ONEONTA	5550 5555 5625 5749 5842 5847 5862 5875 6121	SHELBY MONTGOMERY MONTGOMERY LAWRENCE COLBERT COLBERT COLBERT FRANKLIN MADISON DALE BLOUNT	1 12 12 5 12	32 23 34 29 34 44 31 23 34 29 34 54 31 20 33 57	86 23 86 18 87 17 87 36 85 56 87 35 86 26 85 37 86 30	462 198 201 630 540 660 725 216 857	MID	MID I MID I MID I MID I MID I 7A I 7A I 10A I	E. EARL BOYETT TYA-644 TVA-624 FURN WYNN L. E. SELLERS	3 2 3 4 5 2 3 4 5 2 3 5 3 4 3 3 3 3 2 3 5
SRANTLEY PREWTON 3 MILES SSE BRIDGEPORT 2 MILES W BRUNDINGE CALERA (AMPBELL CARBON BILL CENTER GROVE CENTER STAR CENTREVILLE	1084 1099 1178 1288 1315 1377 1492 1497 1520	LAT DERDALE BIBB	6 3 12 3 5 3 7 3 13 7 12 3 12 3 12 3 3 3	3 54 87 32 4 23 86 38 4 49 87 25 2 57 87 08	284 85 660 515 500 430 780 600 230	6A	8A R. E. HENDERSON 6A MRS. CLARA T. PEAVY 5P MISS M.LOUISE JONES 8A (ZED. L. RICKS 8A ZEMMA P. HOLCOMDE 17A MISS MARY C. RAY 7A U. S. DEPT. INTERIOR 7A TYA-521 8A W. D. HOLLIFIELD	3 5 3 5 3 3 3 4 3 3 4 3 3 CLOSED 4/1/49 2 3 5	ORRYILLE CZARK PAINT ROCK PAINT ROCK PALMER BALE PERRYVILLE PETREMAN PICKENSYILLE PINE HILL PINE LEVEL PLANTERSVILLE	6218 6226 6246 6362 6370 6414 6460 6468 6508	DALLAS DALL JACKSON JEFFERSON PERRY MONROE PICKENS WILCOX MONTGOMERY DALLAS	3 1 13 1 6 1	33 44 32 37 31 35 33 13 31 59 32 04 32 39	85 39 86 20 86 39 87 08 87 16 88 16 87 36 87 36 86 04 86 56	200 400 610		8A B 8A B 8A B MID B 7A B 8A B 7A C 8A C	FIDELIA LYLES C. W. ADAMS D. B. BARNES	3 5 3 4 3 3 3 3 3 3 3 3
CHILDERSLURG CITRONELLE CLAYTON CLAYTON COFFEE SPRINGS COLLINSVILLE COLUMBIA CORDOVA CUBA DADEVILLE	1685 1694 1725 1807 1849 1865 1940 2079 2119	TALLADEGA MOBILE CHILTON HARBOUR GENEVA DE RALB HOUSTON WALKER SUMTER TALLAPOOSA	9 3 7 3 5 3 7 3 5 3 2 3 13 3 11 3	1 18 85 06 3 46 87 11 2 26 88 23 2 50 85 45	540 331 590 590 255 734 130 334 215 760	6P 7A	6A ALABAMA POMER CO. 6P B O JONES 7A HUGB M. SIMPSON 7A CARL J. ROESUCK 9A C B. ADKISON 7A MMRS. S. COUNINGHAM 8A COY THOMPSON 8A MMRS C. GRESHAM 7A REJUBEN P. HARRIS 8A DR. W. B. FULTON	3 5 2 3 5 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	PLEASANT BILL PRINTOSE FARM PUSHMATARA RED BAY REFORM RIVER PALLS RIVER PALLS 2 MILES NE ROBERTSDALE 7 MILES E ROCK MILLS	6640 6684 6719 6805 6847 6937 6942 6988 7025	DALLAS AUTAUGA MONTGOMERY CROCTAW FRANKLIN PICKENS COVINGTON COVINGTON BALDWIN RANDOLPE	1 13 12 13 6 6 9 4	32 28 32 20 32 12 34 27 33 23 31 21 31 23 30 33 33 09	88 09 88 01 86 32 86 33 87 36 85 18	281 180 627 150 745	8A 8A 6P 6A	8A 18 8A 18 7A 17 7A 18 8A 18 6P 10 6A 18	CHARLES M. BENRY CONTINENTAL GIN CO. F. E. ELSEBERY WRS. JANIE C. BROWN FVA-493 F. M. MC DONALD JOHN R. BRADLEY ALABAMA ELECTRIC CO CARL BOSECK JAMES B. BAILEY	3 3 3 4 2 3 5 2 3 5
DA DEVILLE NO 2 DANCY DANCY DANCY DANCY DANCY DANCE OF THE STATION DEMOPOLIS DOTHAN CAA AIRPORT ELBA	2141 2149 2188 2207 221: 2221 2240 2372 2577		13 3 12 3 13 3 12 3 12 3 12 3 13 3 5 3 10 3	2 31 87 51 1 15 85 27 1 25 86 04	207 595 573 600 588 100 322 204	7A 8A MID	ILD JAY D. LANE 7P E. F. SMITH 7A TVAX-503 7A JAMES M. CREWS 8A BRS FREDA TRIMBLE 6A TVA-63B 8A TVA-411 7A J. A. ROBERTSON 11D CAA 8A DOZIER B. ROBERTS	3 4 3 5 2 3 4 5 3 4 5 3	SAINT BERNARD SAND MTW.STATE PARM AP SAYDE SCOTTSBORD SCOTTSBORD SUBSTATION SEALE 7 MILES WHW SELMA SREPFIELD TVA HRSY SROEMAKER SPRINGS SLOCOMB	7207 7282 7304 7310 7328 7366 7415 7460 7576	JACKSON RUSSELL DALLAS COLBERT LIMESTONE GENEVA	12 2 12 12 4 1 12 12 5	34 17 33 43 34 41 32 18 32 25 34 46 34 51 31 06	87 01 885 17 887 00 887 42 87 12 85 35	802 1195 304 660 660 358 147 505 610	7A 7P 7A	6P 7A 7A 7A 7A 7A 7A 7A 7A 7A 7A 7A 7A 7A	TVA-76A B. G. BUSH JOHN O. RHODES TVA-49 TVA-682 PATRICK H. SMITH	3 5 1 3 2 3 5 3 3 3 3 3
ELROD ELFAULA EUTAW LOCK NO 7 EVERGREEN FAIRNOPE FALKVILLE FALLS CITY 6 MILES NW FARLEY FAYETTE FLAT ROCK	2727 2742 2758 2811 2848 2848 2867 2883 2945	TUSCALOOSA BARBOUR GRENE CONECUH BALDWIN MORGAN WINSTON MAIJSON EAYFTTE JACKSON	4 3 3 6 3 3 1 2 3 3 1 2 3 3 1 2 3	3 15 87 48 1 53 85 86 78 2 47 87 50 1 26 86 58 0 32 87 55 4 22 86 55 4 22 86 34 3 41 87 50 4 46 85 41	254 340 23 620 650 670 359 1380	SA MID MID	7A K. V. BERRY AB HARRY E. MAUCANS 74 E. B. BOLRBOOK SP HAROLD F. YATES 7A TTVA-384 7A USFS 8A TYA-57 8A TWA-57 7A TVA-58 7A TVA-387	3 5 3 4 2 3 5 6 3 3 5 6 3 3 5 5 6 3 3 5 6 3 3 5 6 3 3 5 6 3 3 5 6 3 5 6 6 5 6 6 6 6	SMITTSONIA SNOW BILL SOUTH BILL SVEING HILL SWAIM SYLACAUGA SYLVANIA TALLADEGA THOMASVILLE	7620 7671 7733 7968 7994 8012 8024 8032 8178	CLARKE	1 12 9 12 7 12 7 7	32 00 34 24 30 42 34 53 33 10 34 34 33 26 33 18 31 55	85 49 86 06 86 04 87 45	500 225 990 175 665 548 1400 554 1919 385	6P 7P	7A 1 9A 1 7A 1 8A 7 7A 1 6P 0 9A 1 8A 1	TYA-583 MRS. EVA R. RAY TYA-75 AAMLIN H. TIPPINS TVA-385 ALABAMA POWER CO. TVA-386 C. D. WEAVER USFS MRS. MINNIE DEATON	CLOSED 4.1 4 3 2 3 5 3 2 3 5 3 2 3 5 3 2 3 5
FLORENCE AT LOCK FORT DEPOSIT FORT MORGAN FORT PAYNE FRISCO CITY GADSDEN GAINESVILLE GARDEN CITY GENERA CENERA CENERA	3024 3043 3105 3151 3.60 3200 3259 3399	LAUDERDALE LOWNDES BALDWIN DE KALB MORFIOE ETOWAH SUPTER CULLMAN GENEVA COOSA	6 9 7 8 7 13 2 5 7	44 47 87 40 11 59 86 35 10 14 88 01 14 26 87 24 14 01 86 00 14 00 86 44 11 02 85 52 13 04 86 03	450 520 879 554 130 107 826	8A 7A 7A 7A	7A U. S. ENGINEERS 7A MRS. ISABEL C. HUGHES 8A WM. S. CHAMILER 8A JOHN W. PATE 8A MRS. NELIA MCKENZII 7A G. ERNEST BOLCOMS 7A FRANK J. FIELDS 8A MRS. G. MC KENZII 7A REBECA CAMPBELL 7A C. PURVIS CONAWAY	2 3 4 5 3 4	THORSEY 1 MILE SW THURLOW DAM TIBBLE 2 MILES S TOWEY TRAFFORD TROY TUSCALOOSA AIRPORT TUSCALOOSA LOCK & DAM TUSKEREE UNION SPRINGS	8215 8223 8259 8285 8323 8380 8385 8398 8438	TUSCALOOSA MACON BULLOCK	11 13 12 2 10 2 2 11 6	32 32 31 20 34 54 33 49 33 14 33 13 37 24 32 08	87 37 87 35 85 42 85 44	288 226 750 590 170 152 459 485	8A MID I	7A 1 7A 1 8A 1 MID 7 7A 1 5P 1	ALABAMA POWER CO. HATTIE T. GIVENS TVA-506 MRS. M. JOHNSON TROMAS J. DILLARD CAA U. S. ENGINEERS W. T. THOMPSON MRS. DOROTHY SMITH	3 4 3 3 4 3 4 5 5 2 3 4 5 2 3 5 5
GORGAS GREFNSBORO GREENVILLE GREENVILLE NO 2 GULF SHORES 2 MI SSE GUNTERSVILLE GUNTERSVILLE GUNTERSVILLE HABETVILLE HABILTON	3511 3514 3524 3556 357 3576 3583 3644	MARSHALI WINCTON MARION	2 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	1 50 86 38 1 50 86 38 10 16 87 40 14 21 86 18 14 22 86 17 14 26 86 24 14 14 87 38 14 08 87 59	10 640 610 611 947 498	8A 8A 7A	6A ALABAMA POWER CO. 8A MERS. C POELLINITZ 8A CEC'LLE T LEWIS 4LD CITY WATER PLANT 7A GULF STATE PARK 8A L S LONG 10 TTA-70 7A ELMER L. SRIPMAN 6A REX COOPER	3 5 2 3 5 3 4 3 CLOSED 1/27/49 3 4 3 2 3 4 5 3	UNI ONTOWN UNITYERS ITY VALLEY HEAD VANCE VERNOM WALLACY WALLACY WALLACY WATERLOO WEST BLOCTOM	8477 8517 8605 8637 8648 8686 8809	TUSCALOOSA DE KALB TUSCALOOSA LAMAR RANDOLPH ESCAMBIA ETOWAH LAUDERDALE BIBB	2 7 3 13 11 6 2 12 3	33 12 34 34 33 10 33 45 33 08 31 13 34 04 34 55 33 07	7 87 31 2 87 33 6 85 36 0 87 13 5 88 07 8 85 34 8 87 13 6 86 19 6 88 04 7 87 07	273 225 1031 180 640 850 445	3	7A 1 7A 1 MID 0 6A 7 7A 1 7A 1 8A 1	MISS MARY MARTIN OR F. H. MITCHELL MRS. CARRIE DALBY WM. P. VANCE G. C. MOORE, JR. ALABAMA POWER CO. JOWARD PETTIS MRS. PLORENCE PARKER JORACE E. PYBURN RUPERT M. BEARDEN	3 4 5 5 3 4 5 3 3 4 3 3 3 3 3 3 3 3 3 3
BARRISBURG 6 MILES SE HAYNEVILLE HELENA BIGHLAND HOME EJETTALE BOIGES BUNTSVILLE SUBSTATION BUNTSVILLE HYTOP JACKSON SHOALS	374: 378 384: 384: 406: 406: 4198	PERRY LOWNDES SIFLIFY CTRENSHAF CLERURNE PRANKLIN MATISON MADISON JACKSON TALLADEGA	11 13 12 12 12 12 7	32 48 87 11 32 11 86 35 33 14 86 51 31 15 86 51 31 15 86 12 31 12 85 12 34 42 86 35 34 42 86 35 34 54 86 05 33 32 86 12			BA USES A MAXINE E. WATSON BA RIPPLPH ENGLAND TA LUKE JORDAN TA LUKE JORDAN TA LUKE JARDAN TA BAN EARL LINDSEY TA FRANK L. BAYNES TA TVA-78 TA TVA-78 SA ALABAMA POWER CO	3	WETUIDFAA WHATLEY WHEELLEY DAM WILSON DAM WINFIELD 2 MILES SW 'YATES HYENO PLANT YOUNGS STORE MEW STATIONS	8867 8875 8980 8998 9103 9350	ELMORE CLARKE LAWRENCE COLBERT FAYETTE ELMORE LAUDERDALE	13 12 12 13 11 12	31 39 34 47 34 48 33 56 32 34 34 57	2 86 12 9 87 43 7 87 21 8 87 37 6 87 49 8 85 54 7 87 54	205 580 530 468 335 840		7A 1 6A 1 7A 1 6A 7	MRS. D. R. WHITAKER LEONARD L. COLEMAN TVA-52 TVA-47: L. W. COTNEY ALABAMA POWER CO, TVA-621	3 3 3 3 3 3
JACKSONVILLE JORDAN DAM LA PAYPITE LAY DAW LEFESTER LIYINGSTON LOCKLART LOCK NO 3 LOCK NO 2	4500 460 4615 4625 4798 4820 4830	X ALBOUN FILMORF & HAMDERS FLOOSA JEPFERSON CHEROKEE FUNTER POVINGTON CLARKE EMIXTAW	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	33 49 H5 45 12 37 R6 15 12 54 H5 22 12 58 R6 31 13 33 R6 33 14 11 H5 46 12 35 H8 11 11 01 R6 22 11 33 H8 01 12 08 H8 02	290 830 420 636 589 160 290 11 23	6P 6P 8A	ALD FLOY E. OFFEN AALBAMA POWER CO. OF CLARENCE H. PINCHER AALBAMA POWER CO. AND COMPANY E. LEE AARTY E. LEE AARTY E. LEE AARTY E. LEE AARTY E. LEE AARTY E. LEE AARTY E. LEE AARTY E. SENGLINEERS A. U. S. ENGLINEERS A. U. S. ENGLINEERS	3 4	CHATOM	1566	WASHINGTON	13	31 28	88 15		8.8	8.4	REV. MACK JONES	2 3 5

^{\$ 1-}ALABAMA; 2-BLACK WARRIOR; 3-CABABA; 4-CHATTAROOCHEE; 5-CHOCTAWBATCHEE; 6-CONECUH; 7-COOSA; 8-SSCAMBIA; 3-GULP; 10-PEA; 11-TALLAPOOSA; 12-TENNESSEE; 13-TOMBIGBEE

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a State.

Delayed data and corrections will be carried only in the June and December issues of this bulletin,

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperatures in *F, precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.

Amoun's in Table 4 are from recording gages. Traces are not shown.

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

No record.
And also on later dates.
And also on later dates.
And also on later dates.
And also on later dates.
And also on later dates.
And also on later dates.

The state of the later date of the later date of the later date of the later date.

Precipitation seasured at 6-bourly intervals, no recording gage.
Adjusted to a full south

Pater equivalent of snorfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

Pater equivalent of snorfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

Entire equivalent of snorfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

Station equipped with recording gage only. All amounts in Table 3 are for non-recording gages, except for stations with this reference.

Trace, an amount to essall to measure.

Includes total for previous month.

Enter the later date of the following day.

Bourly amounts from recording gage at the same site may be found in Table 4.

Subscription Price: 15 cents per copy; \$1.50 a year (Yearly subscription includes Annual Summary), Correspondence regarding subscriptions should be addressed to the Weather Records Processing Center, 430 Poat Office Building, Chattamooga 2, Tenlessee.





AGMINI HERETON POLL IN DEPARTMENT U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary

WEATHER BUREAU F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ALABAMA

JUNE 1949 Volume LV No. 6



ALABAMA - JUNE, 1949

A. R. Long, Section Director - Montgomery

General Summary

June was generally warm and wet, with at least six fronts crossing the State, notably on the 1st, 10th, 16th, 23d, and 25th. Maritime tropical air was predominant over Alabama during the greater portion of the month.

Temperatures were only slightly below normal during June, with no extremes being reported anywhere in the State. Normally 100° temperatures are recorded in June at least four out of every five years, but the highest in 1949 was only 98° , which occurred at Valley Head on the 30th. Lowest temperature for the month was 54° , occurring at Gadsden and Rock Mills on the 4th and at Valley Head on the 6th.

Average precipitation for the State was 5.76 inches, or 1.49 inches above normal. The greatest monthly amount was 12.99 inches at Robertsdale and the least 0.81 inches at La Fayette. Rain was recorded over most of the State on an average of 12 days, with several stations reporting measurable amounts on 15 days.

By the middle of the month soil moisture ranged from ample to excessive. During the first decade, wet fields delayed corn planting and hindered cultivation in the northern portion of the State. During the third decade crop cultivation was lagging in all areas, due to wet weather, and fields were becoming grassy. Cotton was blooming in South Alabama by the middle of the month. At the end of the month, however, the corn crop had benefited from the frequent rains and prospects were good. Peanuts were good and pastures were generally excellent, furnishing abundant grazing.

WIND

A local thundersquall occurred in the Montgomery area on the 7th, between 4:00 p.m. and 4:45 p.m. The accompanying high winds destroyed a hangar at Norman Bridge Airport, and slightly damaged several small airplanes. Damage, estimated at \$4220.00, was confined to a small area with some timber and roof sections being blown from 200 to 500 feet.

ARL

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the Increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

ALABAMA JUNE 1949

	Sea lev	el pressure	extremes-in	ches		Wind spe	ed-mph		Relativ	e humidity	averages-	percent	Sunshine	4
Station	Highest	Date	Lowest	Date	Average	Maximum	Direction of maximum	Date of meximum	1:30 a. E.S.T.	7:30 a. E.S. T.	1:30 p. E.S.T.	7:30 p. E. S. T.	Percent of possible	Degree days
ANNISTON WB AIRPORT	30.27	10	29.80	15	4.5	-	-	-	93	92	61	82	-	0
BIRMINGHAM WB AIRPORT	30.25	10	29.79	15	7.0	32	NE	5	90	88	61	68	48	0
MOBILE WB CITY	30.16	28	29.78	15	9.8	32	SW	30	88†	86†	63†	72†	61	0
MONTGOMERY WB CITY	30.23†	10	29.78†	23	6.1	25	SW	12	88†	88†	58†	69†	61	0
† AIRPORT DATA							-							

COMPARATIVE DATA

Table 1																	
		l'emperatur		Precip	tation			Temperatu	(e	Precipi	itation	1		Temperature)	Precip	itation
Year	Average	Highest	Lowest	Äverage	No. of days .01 or more	Aear	Average	Highest	Lowest	Average	No. of days .01 or more	Year	Average	Highest	Lowest	Average	No. of days .01 or more
1884 1885 1886 1887 1888	75.2 79.1 76.8 78.1 77.3	100 98 97 102 98	45 54 52 48 48	7.04 3.73 8.35 3.80 5.57	15 9 17 8 8	1909 1910 1911 1912 1913	78.1 75.6 80.6 75.1 77.6	100 99 105 100 107	53 43 48 48 48	7.85 6.98 3.86 5.11 3.54	14 12 9 10 8	1934 1935 1936 1937 1938	80.1 77.2 81.1 80.2 77.5	105 100 107 103 98	52 48 45 51 50	4.79 3.70 1.91 3.66 4.55	10 8 4 9
1889 1890 1891 1892 1893	76.0 79.4 79.6 78.2 77.4	101 103 104 105 101	36 50 41 56 50	4.74 3.28 5.14 4.76 4.95	10 8 9 11 10	1914 1915 1916 1917 1918	83.1 78.8 77.5 77.7 79.7	109 104 100 104 107	51 46 50 42 50	2.66 3.67 3.35 3.21 4.22	6 8 8 7 8	1939 1940 1941 1942 1943	79.1 77.3 78.8 78.7 81.8	103 99 101 101 101	57 49 47 50 58	6.30 6.43 4.24 5.72 3.50	14 12 10 11 8
1894 1895 1896 1897 1898	77.7 78.3 77.2 81.1 80.5	102 100 100 105 103	39 50 48 44 55	2.23 5.60 5.39 1.83 3.62	6 10 11 6 8	1919 1920 1921 1922 1923	78.5 77.0 81.0 78.7 77.1	100 101 103 102 98	56 50 56 50 45	4.17 4.50 1.83 3.64 3.99	9 7 5 9	1944 1945 1946 1947 1948	81.1 79.2 76.6 77.4 79.5	104 101 99 98 102	48 48 41 41 50	2.80 3.45 5.52 4.70 3.58	7 8 8 9 7
1899 1900 1901 1902 1903	79.9 76.5 78.6 81.0 73.5	105 98 103 106 99	49 58 48 47 42	2.83 11.04 2.79 1.22 4.92	6 18 8 4 10	1924 1925 1926 1927 1928	79.5 81.1 77.6 78.2 76.0	102 104 101 102 99	49 55 40 55 50	5.35 2.25 4.92 5.28 10.16	11 6 9 13 13	1949 Period	77.9 78.2	98	54 36	5.76	
1904 1905 1906 1907 1908	78.1 79.3 79.2 75.8 77.7	103 102 101 100 102	47 49 52 41 49	2.85 4.36 3.41 2.86 2.74	7 10 8 8 7	1929 1930 1931 1932 1933	77.1 77.4 79.9 79.1 78.5	99 108 109 102 109	46 41 44 55 45	5.23 1.95 1.50 5.01 3.04	10 5 4 11 7						

Table 2									0101								JU1	NE 194
	-	1		Tempera	ture		1	, ,					Precipitati		.1			
Station	Avorage	Departure from normal	Highest	Date	Lowest	Date	Max. 90° or above	Min. 32° or balow ske	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground	Date	.01 от тоге	25 or more	1.00 or more
		Н	100			+					-		,				1	
NORTHERN DIVISION ANNISTON WE AIRPORT BIRNINGHAM WE AIRPORT BIRNINGHAM WE CITY CORDOYA DECATUR	76.4 77.2 78.5 78.7 78.0	- 0.2 0.4 0.6 1.8 0.1	92 93 95 95 93	8+ 23+ 8+ 30 8	57 61 63 60 62	4 2 1+ 1 17	11 10 14 13 13		4.79 2.84 5.02 5.76 8.84	0.67 - 1.62 0.56 1.64 5.05	1.33 0.73 1.63 1.65 2.23	20 24 15 20 15	1			14 15 15 8 14	5 4 5 6 9	1 2 2 3
FAYETTE GADSDEN GOODWATER HALEYVILLE HUNTSVILLE	77.6M 76.6 76.2 76.0 76.6	- 0.8 - 1.6	93 94 91 91 93	5+ 24 7+ 9+ 23	57 54 58 60 60	3 4 18 17 2	12 13 7 2 8	1	6.68 6.34 5.43 6.91 7.62	2.20 2.17 1,11 - 3.31	2.50 1.90 1.32 3.12 3.25	15 1 30 21 15		11 11 11 11 11 11 11 11 11 11 11 11 11		10 13 15 14 16	7 6 6 6 6	2 3 1 1 3
LOCK NO 4 MADISON MUSCLE SHOALS ONEONTA ROCK MILLS	77.0 76.2 77.4 76.8 77.1	- 0.7 - 0.8 0.3 1.4	93 95 95 94 95	8+ 22+ 28 24 6+	59 58 61 58 54	2+ 1 17 2 4	10 12 9 16 17	1	3.17 9.18 6.26 4.31 2.51	- 0.90 4.92 1.79 - 0.08 - 1.82	0.92 4.52 1.88 1.60 0.66	15 15 15 16 28	1			11 15 14 8 11	10 6 6 4	1 1 1
SAINT BERNARD SCOTTSBORO TALLADEGA TUSCALOOSA AIRPORT UNIVERSITY	75.9M 77.2 76.8 79.2 79.1	0.2 1.8 - 1.4 - 0.1 - 0.2	93 94 93 97 96	24 23 8+ 30 30	58 59 59 60 62	2 1 2+ 3+ 3	6 10 9 19 12		6.68 6.67 3.34 5.00 6.25	2.41 2.25 - 1.24 0.93 2.18	1.80 1.28 0.93 0.92 2.03	15 15 24 15 24	8 A			12 13 13 15 14	8 7 5 8 7	2 2 2
VALLEY HEAD	74.7	- 0.1	92	23	54	6	4		3.22	- 1.07	0.96	28				10	6	
DIVISION MIDDLE DIVISION	77.1						1		5.56					,				
ALEXANDER CITY 6 MILES NE AUBURN CENTREVILLE CLANTON DATTON	76.5 76.2 79.1 79.4	- 1.7	93 93 96 94 94	28 8+ 27 8+ 7+	55 58 59 61	4 4 2 3	11 9 11 9 17		4.59 2.70 3.41 6.42 5.51	- 1.36 - 0.85 2.33	1.50 0.67 0.75 2.61 1.92	29 13 22 22 10				14 13 11 13 10	4 4 5 9 6	1 1 2
EUPAULA GREENSBORO GREENVILLE HIGHLAND HOME LA FAYETTE	78.7M 79.9M 78.7 77.2 76.9	- 0.5 1.0 - 1.0 - 1.5	93 98 95 92 95	5+ 30 8 7+ 28+	55 61 63 57	2+ 2+ 4	13 14 13 8 15		4.61 2.93 5.42 - 0.81	0.39 - 0.74 1.23	0.97 1.61 1.41 - 0.34	10 11 11	1			13 11 16 7	9 3 7	1 1
LIVINGSTON MAXWELL FIELD MONTGOMERY WB AIRPORT MONTGOMERY WB CITY PRATTVILLE	79.0 79.6 78.7 79.1 78.0	0.0	94 94 96 94 93	27+ 7+ 30 7+ 7+	60 63 60 65 60	3 2 2 2+ 3+	13 13 13 13 10		5.76 11.97 7.64 9.10 8.34	1.36 - 5.30 4.51	2.20 3.50 2.34 2.43 3.44	8 22 22 22 22 22	,			12 12 15 14 10	7 8 9 6 6	1 5 2 4 3
PUSHMATAHA SELMA THOMASVILLE TROY TUSKEGEE	77.9 78.8 78.8 77.0M 77.8M	- 0.8 - 1.0 - 0.7 - 2.6 - 1.2	95 95 95 93	30 29 29 30	58 62 61 61	3 2 3 4	13 9 12 10		3.31 4.41 2.75 5.87	- 1.47 0.72 - 1.53 2.15	1.15 1.17 1.22 1.36	13 9 11 13				11 13 9 9	3 6 4 8	1 1 1 2
UNION SPRINGS	77.1	- 2.6	94	29	59	4	13		5.84	1.70	1.70	11				15	6	1
DIVISION SOUTHERN DIVISION	78.2								5.34				1					
ANDALUSIA ATMORE STATE FARM BAY MINETTE BREWTON 3 MILES SSE CITRONELLE	78.5 80.1 78.8 78.6 79.1	- - 0.8 - 0.2 - 0.6	94 96 95 96 95	6+ 7+ 29 29 29	61 63 61 59 66	4 4 5 1+ 3	12 19 13 19 9		4.96 11.81 6.68 6.69 4.47	1.28 1.39 - 0.91	1.65 2.61 1.54 1.64 1.22	13 13 21 10 11				9 10 12 10 9	6 9 7 9 4	2 6 3 1 2
DOTHAN CAA AIRPORT EVERGREEN FAIRHOPE PORT MORGAN FRISCO CITY	79.3 78.4M 79.5 80.2 79.1	- 0.6	96 95 94 95 95	6+ 8+ 29 29 29+	59 60 62 61 62	4 3+ 3 3 3+	18 13 18 7 16		5.59 4.35 8.11 5.65 5.97	0.96 0.02 1.80	3.78 1.87 3.37 2.37 1.56	22 12 24 24 8	1			12 10 13 10 14	4 3 8 5 7	1 2 2 2 2
GENEVA LOCKHART MOBILE WB AIRPORT MOBILE WB CITY OZARK	78.7 78.1 79.7 80.9 78.0	0.6 - 1.6	97 94 96 97 95	6 29 29 29 29 7+	58 58 65 66 60	2 4 3 3 4	19 14 12 13 13		5.96 8.39 6.08 9.85 8.49	1.50 - 4.42 3.91	1.15 2.20 2.21 2.46 2.39	27 11 24 24 26				15 12 15 14 14	8 9 8 8 6	1 1 3 3 3
ROBERTSDALE 7 MILES E SPRING HILL	78.6 80.0M	- 0.4	94 96	7+ 30	60	3	10	l	12.99	6.82	2.29 1.50	21 11	ļ			15	11 7	5 2
DIVISION	79.2								7.12									
STATE	77.9	- 0.3				DEL	AYED D	ATA	5.76	1.49								
DECEMBER 1948 ANNISTON WB AIRPORT MUSCLE SHOALS	47.6 46.4	2.4	71 74	13+ 15	20	26 26	11 10		4.75	31 65	1.00	25 15				12 8	7 7	1 1
JANUARY 1949 MAXWELL FIELD FORT MORGAN APRIL 1949	55.7 30.3		78 79	10 12	1 28 1 35	1 30+	3		3.58		1.37	4		i		9 8	3	1
EVERGREEN MAY 1949	64.2	- 1.5			34	19												
ALBERTVILLE 1 MILE S							1		4.75	.54	1.30	30				7	5	3

Table 3																																	ABAMA USAN
Station		l	2	3	4	5	6	7	8	9	10	. 11	12	13	14	Da 15	ay of n	nonth	18	19	. 20	21	32	23	24	25	26		28	39	31	31	Tota.
AMBEVILLE ADDITON AMB SON NTRE FOWER ALABAMA STATE FARM ALABAMA STATE FARM	R k					, h s	.19		21		.26	-	5 .2 7 .5	01	-	.30	3,58 3,40			1.01		, 55	2.57	1,1	a j	1 37	.30	0.7	1 .	33 40	1 0 ,		1.03
ALEXANDER OFF 6 MY ALL STILL ANDALLS ANDALLS ANDALLS ANDALLS ANAISTON WE AIRPORT						.06	.61		, 10	.10	.14	.6: 1.1:	.8		2	1.00	.50				1.33	.70	.18		.04		.16		I ×	1 50	. 30		9.52 11 4. 6 1.24 4.96 4.96
VSHI AND / VSBO LE ADMENS AUBORD STAFE FARM AUB. RK	′ R	413				, (1	,65		01		.11	0° . 4°	.44	4 .05	.05	3.12	82 .41			1 83	.09	1.96		2.00	.20) i	.04	T		. 17	.20		0.42 2.50 3.62 9.1.
AUBURN SCS 10 AUTAUGAVILLE BARTON BAY MINETTE BEATRICE	н					.52			1.38	11		1.5	0 .45 4 1 .41 2 .06 3 .40	5	Т	.04	1 .41 1.62	.28	.12	1,32	.06	1,30	.62		.08	. (154	.07		2	13	12		11 8: 2 7 2 3. 5.52 6.64 7.98
DELVEERN BERRY BEXAR 2 MILES SE BILLINGSLEY BIRMINGHAM WB APT	R R R					.03	.14		,12 ,09 ,07 ,06	.02	.23 .04 .95	03	1 .13	5 . 22 5 . 22	.49	1.08			, 3 ⁵⁴ - 17	.+7 .15 .60	.44 .15	.93	.89	,02		. 10	.05		.(1-1		*		3 31 1.18 1.86
BIRMINGHAM WB CITY BISHOP BOAZ BRANTLY BREWTON 3 MILES SSE		.2h				Γ				,08 25	.06	.15	.31 .10 .06	.09	.08	1.63 2.76 .31	.01			.01	.05	.05	.22	.55	1.02	, /a , /a , i		.16	1.2	1	.03 01		. 0.7 . 0.9 . 91 1.00
BRIDGEPORT 2 MI W BRUNDINGE CALERA CAMERELLI CARRON HILL	Е	25		-		1,22	.07			2,46		.40	.12	.01	1 .15	1.90	1,±0 ,18 ,95	-		т	1.14	.20	T 1.08	.97	.04 .08	, 1 , 199	.05	.03	.01	())-	1		n.64
CENTER GROV- CENTREVILLE CHI HEBURA CLIN NELLE CLIVIIIN		.03					.92 .10	Γ	,12 28	.43	,19 .30 .07 .59	.36 .66 .04	.17	T .07	.19	.98	1,27	.21		ī	.17	.46	.75 .18 T	.02	.10	13 31 . 35	.34	.15 .18 T	1.10	15	10		5.5.8 5.41 1 1 4
COLLINSVILLE COLUMBIA 'ORISVA CUEA DADEVILLE		. 22 20 , 06				.81	.05 .12 T	1	1.95 06	r , 84		.91	.05	.30			1,36 33 ,60				1.65	.30	.24 T	.01	т	3 - 1 4n 1 1- 46	.30	.07	.21	13	.23		1 35
DADEVILLE NG 2 DANEY DANYLLEF DAYTON DECVICE	K	.11				77 f	. 10			-15	.08 .57	.03	.24		.57	.94 1,62	, 85	.02		. 63	.73	.10 .38	.10		.13 .18 .07	, 100	.03	.08		./ 1 -4,	28 .02 .01 .5		
DECATUR NO 4 DECATUR SUBSTATION DEMODDLES DOTHAN CAA AIRPORT ELBA	,	, /:					.18		.40	.05	.57 .26 1.93	.01 .97 .06	.79	.04	.41	1.02	3.03			.60	T .29	.10	.51 .27 3.78	.05	.07	.14	.08	.03		1 3.			8 .1
ELECTION LOCK NO 7 EVERYREEN PAIRHOPE	Z	14 .nb					3.5		ī	.07 29 T	.97	.60 .07 .53 1.28	1.87	.41	.02	.98	. 52		.02		.06	.29	.96 .29 .02 T	.07	.96	. br . 20 . 07 . 13 . 11	.28	.76 .20 .25		10			\$
FALKYTLLE FARLEY FAYETTE FLAT ROCK PLORENCE AT LOCK	H	23			.06	.3e	.80	. , 1	.10	Г	T .30	. 52	.38 .28 1.02 .08	.19	,15	5.07 1.90 2.50 .62 .85	1.1e	.11	28	1 1	.24	.24 .20 .83 .04	.15	T	T	. 05 30 71	.15	.05 T .46	12	. 80 50	.04 .43 .30 .20		6.3 9.6 6.6 6.6 6.6 7.7
FORT DEPOSIT FORT MORGAN FORT PAINE FRISCO (1F) GADSDEN	Z /	10					53		1 , 54+	. 62 . 26 . 44 . 18	.40	.96 .19 1.22 .02	1.08 .22 .27	.37 .07 .72	.08	T 1.40 .18	26 .16 .65 .58 1 10		. (-4		.20 .59	.07	.03	.17	2.37	0.2	42	64	,		.13		d 7. 5.95
GAINESVILLE "ARDEN LITY OENDVA "OODWATER GORGAS	7	. ant 02 .54				.09	.11 .30 .10 .06		. 32	12	T .15 .59 .02 .68	.47 .22 .09	.10 T	.08	.09	.22	.01 1.71 .31 .72 .80	.08			.15	4 .40 T .96	T .33 .52 .83 .21	.03	.01 .13	2.1 2.3 3.2 1	T 1	.04	Ter . 4				4.15 4.38 5.43 1.46
GREEN BORG GREEN HILL GREEN HILL NO 2 GULL SHORES 2 MI SS GUNTERSVELLE REC	R	27				, 58			.03	, 34	1.26	1.41		.89	.04	.06 L.44			.35		.02 .25 .51	.04 .21 .02 .35	.14	.16 2	.04 .23 2.30 .38	5. .1. 0. 2.11	.06 .06 .65	. 82	0.1		01	1	2,93 5,42 3,92 6,8 1,01
GUNTERSVILLE : AM HALENVILLE HAMILION HARRISBURG 6 MI SE HAYNEVILLE	6	1				τ	.05			.36 ,10	T .08 1	.08 .10 .95	.05 .15 .06 .50	.07	.02	.25 .55 .58	.30			,10 18	.15 3 T .98	.02 3.12 .14	.06		.01	. 78 . 29	.35 .20 .05	.22 1		11	н		
MELENA Brodland Home Holgitower Holgids EUNTSVILLE SUBSTA HUNTSVILLE		, 04					.69	1	1 12	.91	.41	T	.57		.08 2	2.75 2.23 2.17	. 47	.00			.03		.50 .75	. 20	.30	.08 I	.85	1	32 (t)	1	44 24		, un
HYTOP JACKSON SHOALS	R	. 23				.05	.03		Г	.29			.48		.02	.15 2	.36		.01:		.31	.02	.19 .33 .08 .49 1	.10	.50 .38 1 .22		.04 .95 .50	.05 .19	67		47		7,12 7,48 3,18 3,67 4,96
	Z	. 64 . 19 . 36			.12		.07	2	2.20	30	.98	.31	.08 T .54 .43	.31	.12	.10 .28 .08	20 73					.03 1 T	.10 .03 .34 .31 .16	.01	.27	37 27	.45 1	31 ,02 ,44		18 05 .	63	1	, 81 5 - 16 5 - 16 1 - 99 5 - 70
LOCK NO 1 LOCK NO 5 LOCK NO 5 LOCK NO 17		. 77				.05	.05			.23	1	.36	.80 2	2.20	.05	.04	.11				16	.05	. 21	.59 .36	.88	52	. 42	.07 .48 .08	o f	1.7		1	. 359 1 - 15 - 17 1 - 15
MADISON MACHILA MACHON 1 MILE 5SE MARION JUNCTION	R Z	. 67				, 56	.02		1	.82	.11		.28 .70 .36 .46	.82 .06 .19 .01 .50	.40	.52 .36	74			7	.05 , .	- 1	.19	01	.38	20 1.	.02 .82 .04	27 .	26 11	41	NO 27 17	t ,	18 18 92 94 52
MARTIN DAM MAXWELL PIELD MEEVIN MIDWAY		. 20				I		. 34		02	. 52	.80	.25 .59 .24 .63 1	T	.88 .08	.06 T 1 .15	.15		:	51	03 . 22 . 10	.06 3	.01	04	,28	эн Т		24 03 04		10 .5	51	11	89 05 .97 .35 .06

Shaki															-	Day	of m	onth															Total
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
MILLERS FERBY MILSTEAD MITCHELL DAM MOBILE WB AIRPORT MOBILE WB CITY	z	.12				.14	. 51	.36	.40	.17	T .05 .23	.97 .51 1.08 .35	.66 .85	.18 1.00 .08 .09	. 0-4	.44 .02 .62	.77		.06	.08	T .03	,23 ,34 1,93	.18 3.97 .07	.08 .11 .62	.04 2.21 2.46	. 48	.02		.04		.03		3.70 5.09 5.39 6.08 9.85
MONTE SANO MONTEVALLO MONTGOMERY WB APT MONTGOMERY WB CITY	z					T	1,48	.29 T		1,45 .02 T	.47 .88 1.51	1.25	.48 .55 .78	.13 T	T .01	2.35 1.55 .34 1.82	1.65		0.6	.38	.88 .10 .46	.09	.42 2.34 2.43	.01	, 58 , 83	. 20 T	.02		.72	.07 .21	.10		9,96 5,62 7,64 9,10
MUSCLE SHOALS NEW BROCKTON NEWBURG	R					.18	.43	-	- 10	1.17	.05	.17	-	T -	.70		T - 2,25	-	.94	.96	.10	.60	.40	. 52	.04	.12	.12 T	.23	.33	- 11	.18		7.78 6.26 5.95
NEW MARKET NEWTON		. 53					T			, 42	1.87	, 49	.14		.06	4,20				,03		. 51		1.33	1.36	.11	.22	.13		. 66			10.56
ONEONTA ORRVILLE OZARE PAINT ROCK PALMERDALE	R	T					.80		.40	. 98	1.23	1.02 .10 .43	.53	.10	.02	.14	.95				. 52	.28	.24	1,95	.12	.01 1.25 1.37	2.39	.10	.23	.17	.24		4.31 2.17 8.49 8.37 4.42
PERRYVILLE PETERNAN PICKENSVILLE PINE HILL	B	.16					.27	. 83	.55 .95	.05	.58	.80	1.72 .45 1.23	.81		. 28	.76			1.40	.20	.03	1.09	. 96	.54 T	.15	.13	.12 .08 .50	. 22		.21		5.08 6.54 5.67
PLANTERSVILLE PLEASANT GROVE SCE PLEASANT HILL	R	.22				.02	.08		.22	.20	1,44	.60 1.10	.05	.38	.66	1,10	1.02	1.25		.10	.34	.10	.45	, 90		.40	.08	. 53	.34	. 59	1.01		7,31 6,64
PRATTVILLE PRIMROSE FARM							.05		. 27		1.22		Т	.12		.73 1.43	. 64				.05	. 24	3.44	. 08	.85		.26			10	.18		8.34
PUSHMATAHA RED BAY REFORM EIVER FALLS RIVER FALLS 2 MI NE ROBERTSDALE 7 MI E						.14	. 22	.96	T	.88	T .56 1.73	.06 .32 .25 .78 .25	1.20	1.15 .26 1.55 .63	.76	.15 2.00 .04 .06 .92	.20			.14	.04	.19 .25 *	.12 .32 .49 .66	.02	.04	.23	,27	,08	.41	,10	.74		3.31 3.99 4.43 3.28 4.48 12.99
ROCK MILLS SAINT BERNARD SAND MIN STA FRM AP SAYRE SCOTTSBORO		.13				.10	,89			,04	.02	.09	.02	.07	.62	1.80 1.10 2.09 1.28	.11 .31 .08 .42	т			.02	.94 .50 .37	.30 .17 .14 .09		.50 .61	.43 .15	.32	.95	.66 .11 .25	.17 1.52 .04 .81	.11 .05 .37		2.51 6.68 4.52 6.07 6.67
SCOTTSBORO SUBSTA SELMA SHEFFIELD TVA NRSY SHOEMAKER SPRINGS SLOCOMB		.82					.20 .34 .20	.37	T	1.17 T	, 93	, 61	.12 .47 .18 .29	T .15	Т	.17 .12 .95 1.96		т		.89	.29 .36 .21 .78		.05 .05 .41 3.45 1.28	.02	T .02	. 28	.68	.35	.98	1.14	.09		7.19 4.41 5.11 10.26 6,60
SNOW HILL SOUTH HILL SPRING HILL SWAIM		.03					.07		T	.36 .32 .43		2,20 1.50	.12	.14 1.08 .14	.20	.28 .55 .83	.01 .59 .07 3.02				1.20	.25 .02 .27 .63		.38	.28	.87 .45 1.31 .18	1.18	.51	.53	.20		1	5.74 4.11 4.92 10.54
SYLVANIA TALLADEGA THOMASVILLE THORSBY 1 MILE SW	B	.12				.21	.29		.99	.68	.52	.18 1.22 .15	.03 .15 .36 .10	. 42	.14 T	.90 .26	.81			, 09	.56 .04 .13	.06	.16	.27	.93	.32	.14 .23 .11	.14	.91	.10	.02		4.62 4.52 3.34 2.75 7.16
THURLOW DAM TIBBIE 2 MI S TONEY TRAFFORD TROY	R Z Z						.06			. 31	.13	.49	1.46	1.36		2,25 1.00	1.00		.23	.17		,44	. 21		1.56	* .09		.70	1,39	.46	.20		3.79 5.33 7.32 2.81 5.87
TUSCALOOSA AIRPORT TUSCALOOSA LCK DAM TUSKEGER UNION SPRINGS		.73			T	,07	.36		.04	.60	.02	.39	.41	.49 .10 .71	.28 .81	.92 .34 .80 .20	.08				.02	.08	. 53 . 56 . 25	, 04	.76 .12 .40 .08	.71 .05	.05 .03 .05	.28	.25 T	.03 T	.89 .12 1.84		5.00 5.21 - 5.84
UNIONTOWN UNIVERSITY VALLEY HEAD VANCE VERNON	R	.17				. 21	,70		.07	.15	.18 .06 1.69	1.46 1.13	.41 .48 .04 .29 1,16	.44	.30	.13 .55	.39				,19	.03 .50	. 59	.18	.19	.21 .45 .41 .95	.27	. 23	. 96	,13 T			4.03 6.25 3.22 4.46
WALLACE WALNUT GROVE WATERLOO						-	1.00		.20			1.34		.60 1.30			1.10			-		. 43	.70 .31		.64	.40	*	.46	, 50		.82		6.73 3.95
WEST BLOCTON WESTUMPKA WEATLEY		.08				.11	.18			.07	1,46	.94 .95 .36	.77 .31 .86	.40 .04 .42		.45 T	.56				T .01		5,33	.20 2.37	.19	.50 .76 1.17		.61	.12	.05	.05	}	5,92 11,48 4,19
WHEELEE DAM WILSON DAM WINFIELD 2 MILES SW YATES HYDRO PLANT YOUNGS STORE		T					.13				.08 .33 .18 .25		.04 .01 1.46 .80	.72		.74	.78 1.77 .50 1.55	T		.63	. 86	.60 .43 .24 .13	.89 .68 .92 .24 .42	.10		.29 .24 .42 .46	.02 .26 .11	1.57		.13			6.43 5.35 4.70 8.14
									t.						DEI	LAYED	DATA																
DECEMBER 1948 ANNISTON WB AIRPORT MUSCLE SHOALS			.51	.35	i	.27		.77	т				.01	т		.03	.57	.36	. 22	.05 T		т	T T		. 78	1.00 T			т	.95			4.75
JANUARY 1949 PORT MORGAN HARRISBURG 6 MI SE MAXWELL FIELD	// R			.15	2.35	.34	т											Т	.13	.65	. 05		.05				. 07	.19	.58	.16 T		1.05	1.42 5.20 3.58
PALMERDALE FEBRUARY 1949 ASHLAND NEW BROCKTON	// R			.45	1.07	7.13	.05		. 56	.42	.11					. 44	1.10		.07	1.19	.09			1.13			. 25	.73	.51		1	17	5.79 5.01
MARCH 1949 FALLS CITY 6 MI NW MONTEVALLO							.55	. 40			.40 1.99			,30	.40				. 25	, , ,		1.59	.40			1.95	т	10	1.49		.10		3.30
APRIL 1949 EVERGREEN FLORENCE AT LOCK HARRISBURG 6 MI SE MERTZ 3 MILES E MIDWAY MONTEVALLO			.05	. 03	.45	- .30 .05 .45	.13				.40	1.25 .08			.03			.40		.50		.03	.16 .40 .05 .25	.06	.14	.10			.21 1.25 .85 2,28	.05 .10 .05			2.01 2.55 2.33 6.72 3.75
MAY 1949 ALBERTVILLE 1 MI S ASHLAND FLORENCE AT LOCK HARRISBURG 6 MI SE TALLADEGA HRN MT TR	// R	1.10	1.11 .10 .55 2.20						. 04	.40	.39						.56	.44				1.10	. 05	.48	.18 .48 .03 .70	.18	. 03	.09	.43	,52	1.30 .66 .02	.03	4.75 3.41 3.06 3.42 4.98

Table 4						_	OII		1 11		11 1	1111	101											JUN	E 1949
Ch. At	1				A.	M. Ho	ur end	ing									P.	М. Но	ar end	ing					3
Station	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
	•	-	-					Α	-	+ -					-							+	,	-	_
CAMPBELL	_	_		_	un	_	1 -				_	-19	st—	_	_	_	_		_	_			_	_	_
TUSCALOOSA AIRPORT 6	.16			1			1															1 -			
ADDICON	,			,			,					-51	th-					0.4							
ADDISON ANNISTON WB AIRPORT 6 ASHLAND //	1												*	*		*	* .11	.84	.61			1		1	.85
AUBURN SCS 10 BIRMINGHAM WB AIRPORT																.01	.08	.44							.52
EUTAW LOCK NO 7 FLAT ROCK										1				.02	.26	.06			.18	.02	.01		.01		.24
FORT PAYNE GARDEN CITY HUNTSVILLE 6														.38	.01	*	.01	.01	.01	.01					.45
JACKSONVILLE MAGNOLIA															.04	.04	.01	.01	. 66						.05
MUSCLE SHOALS 6 THORSBY 1 MILE SW														.07	.02	.12	*		.18			1		1	.21
TRAFFORD TUSCALOOSA AIRPORT 6 UNIVERSITY														. 20	*		.06	.07	.01		.01			1	.15
W31 & V A0210 O & 8				1			1			I		- 6	LL.	. 20	,01							1			
MOULTON											.02	-6	ın–												.02
NEW BROCKTON				I			1					_ 7	h			-	-		-	***	-	-	-	-	-
MOBILE WB AIRPORT 6	1			1			1	*	*	*	*	-71	.16	*	*	. *	*	*	.20						
MONTGOMERY WB AIRPORT 6 PETERMAN														*	*	*	*	*	. 29					.83	.83
												-8	th-												
ABBEVILLE ANNISTON WB AIRPORT 6															.05	.06		.01		*	.01	*	*	*	.21
ASHLAND // BELGREEN BERRY																	.03	.02	.01		.01		.01	.01	.08
BIRMINGHAM WB AIRPORT DOTHAN CAA AIRPORT															.09	.01			.01	.04	.01				.09
EUTAW LOCK NO 7 FLAT ROCK	i I			i i			i I		.22	.05	.01	.02					.06	.04						İ	.30
FORT PAYNE GREENVILLE NO 2															.15	.04	.09	.02				.39	.01		.40
HALEYVILLE LOCK NO 1 // MARION 1 MILE SSE															.02	.04	.05	.07	.03			.01	.06	į	.07 .21 .58
MIDWAY MOBILE WB AIRPORT 6														*	*	*	.05	.03	.01					į	.09
MOBILE WB CITY MOULTON PETERMAN	.21	0.3	0.1											.01	.01	.10	. 19	.02					.10		.01 .10 .55
PLEASANT HILL THORSBY 1 MILE SW		.01	.01				1								. 01	.10	.06	.06	.04	.04	.02				. 22
TROY TUSCALOOSA AIRPORT 6															.01	.05	. 13	. 09	.01	*	*	8-	*		. 29
UNIVERSITY												- 91	-h							.07					.07
ANNISTON WE AIRPORT 6	.05											-91													
ATMORE STATE FARM BELGREEN BIRMINGHAM WB AIRPORT	.02							•			.01		.05	.48	.01										.54
DADEVILLE NO 2 DOTHAN CAA AIRPORT						.02	.03	.01	.01		.01	.01				.14	. 09	.01						i	.08
FORT MORGAN // GARDEN CITY												.08	.06						.18		.01		.01		.20
HUNTSVILLE 6 JACKSONVILLE LAY DAM							0.4	. 55	.20	19	.17	.05		.20	.09	*	*	*	. 19						.29 1,30
LOCK NO 1 // MIDWAY					.02	.01	.01	.05	.03	.02					.03		.01	.01							.09
MOBILE WB AIRPORT 6 MOBILE WB CITY								*	*	*	*	*	.22	*	* .15	.19		*	. 29	*	*	.10	.04	*	.48
MONTGOMERY WB AIRPORT 6 MOULTON PLEASANT HILL				.01	. 27	.10		-		,		•	.02											1	.10
RIVER FALLS 2 MILES WE THORSBY 1 MILE SW							.39	.12	.30	. 25	.05				, 85	.02	.01							- 1	.88
TUSCALOOSA AIRPORT 6 UNIVERSITY	.04							*	*	*	*	,05	, 06									I		1	.05
												-10													
ABBEVILLE ANNISTON WB AIRPORT 6												00	*	1.15	*14	.03	.01	*	.03	.01					1.34
. ASHLAND // . ATMORE STATE FARM AUBURN SCS 10											.06	.08	.03		.41	1.26	.03	-							.11 1.76 .05
BELGREEN BERRY								.03	.03		.01	.03			.07	.09	.01								. 23
BEXAR 2 MILES SE BIRMINGHAM WB AIRPORT BOAZ													.02	.03	.91	.04	.01								.95 .05 .13
DADEVILLE NO 2 DOTHAN CAA AIRPORT							.01	.08	.06		.01	.05	.01	.05	.01	.01		.05	.03	. 04			.01		.08
FUTAW LOCK NO 7 FORT MORGAN //						03	. 04	.05	.01	.01	.01	02	.01	.01	03		.20	.12		0.2	03	0.3	. 19	1	.47
GREENVILLE NO 2 HALEYVILLE LAY DAM					.02	.01				.03		.03	1.08	.01	.01	.02		.04	.01	.03	.01	.01			1.26 .03 .10
LOCK NO 1 // MAGNOLIA											.02	1		.06	.01	.01		}	.04	.16	.02		.01	.02	.21
MARION 1 MILE SSE MIDWAY MOBILE WB AIRPORT 6	.07		ie.	*			.04		*	.05	.73	.23	.01	.03	.06	.17	*	.10	.05	*					1.50 .57
MOBILE WB AIRPORT 6	.07					.09	. 04	*			*	.16	.05		*		.07		.36	*				. 1	.37
MONTGOMERY WB CITY MUSCLE SHOALS 6							.02	.26	.52	. 26	.05	*	.02	*04	*14	.17	.02		.01						1.51

Station					A. 1	M. Hou	r endi	ng									P. 1	М. Но	ır endi	ing					Tel .
Stanon	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
PETERMAN								.04	.01	.01		0.1	.09	.03	24	.07	,01	.34	.03	.01	.01				.51
PLEASANT HILL RIVER FALLS 2 MILES NE THORSBY 1 MILE SW											.41	. 15	.04	.01	.01		.03	.17	.10						. 50
TROY TUSCALOOSA AIRPORT 6			.03			.011		.06	*	*11	.03	.01	, 30	*		*	+		.03		01	.03	.01		.44
UNIVERSITY VERNON				. 05	.01		.04			.04	.03			. 22	.13						.01				.18
ABBEVILLE					.01	01	.01	02				-11:	th-												.05
ADDISON ASHLAND //					-	- 02	-	-	-	-		-	-	-	-	-	-	-	.07	-	-	-	-	-	. 01
ATMORE STATE FARM AUBURN SCS 10							.10	.08	.12			1,10	.01				1.4								1.11
BELGREEN BERRY BEXAR 2 MILES SE												.01		,01	.02		.14	.02							.03
BIRMINGHAM WB AIRPORT BOAZ								0.7	00			.01		.02	.06			.01							.04
DADEVILLE NO 2 DOTHAN CAA AIRPORT KUTAW LOCK NO 7					.01	.03	.01	.01	.02																.0.
FLAT ROCK FORT MORGAN //								.01			02	.16	.01	.01	. 20	.10									. 3
FORT PAYNE GARDEN CITY									.01	.01	.01							1.29	. 13	.02					.01
GUNTERSVILLE REC HALEYVILLE HUNTSVILLE 6								*	* 1		.01		.03	*	*		.02	.01	.01	•	*		*		, 09
LAY DAM LOCK NO 1 //		.02		.01		.01	.07	0.7	.03	.03	.01			05	0.2	0.3									.0
MAGNOLIA MARION 1 MILE SSE MIDWAY				.01	.04	.01	. 43	.07	.34	.03	.01	,01	.01	.05	.03	.01									. 8
MOBILE WB AIRFORT 6	.02	*	*	*	*	*	.02	#	*	* .12	* .63		. 28	*	*	*	4	٠	.05						. 8:
MONTGOMERY WE AIRPORT 6 MONTGOMERY WE CITY	.01	*			*	* [.04	.01	*	.03	.07	.06	1.18		*	*	*		.03						.1
JUSCLE SHOALS 6 PAINT ROCK PETERMAN				.01	.02	.03		.22	.01	.08		.02	.35	.02		Ĺ	. 05	.06	, 13		.01				.4
PLEASANT HILL RIVER FALLS 2 MILES NE					.01	.01	.08			.12	.12	.09		,07	.01	.02									.6
THORSBY 1 MILE SW TRAFFORD TROY					.11	.01	.01		.01	.03															.0
TUSCALOOSA AIRPORT 6 JNIVERSITY					.02	.01									.39	*	*	*	,39						1.1
7ERNON		.03		.01				.01				10.	3	.06	. 14										. 25
ABBEVILLE											_	-12t					. 22	, 03	,01						. 26
ANNISTON WB AIRPORT 6								*	*	*	.01	* .17 .13	.14		;				. 15	.12	.01	.01		. 80	.5.
ATMORE STATE FARM AUBURN SCS 10 BELGREEN							.04	.01	.10		. 10	.10	. 70		.08				.17	.10				,00	.4
BERRY BEXAR 2 MILES SE						.01	.01	.05			. 49	. 23		,01	.01										.7
BIRMINGHAM WB AIRPORT									.02	.18	.06	.05	.08	.01		. 07	.02	. 05		.04	.04	.01			.2
DADEVILLE NO 2 EUTAW LOCK NO 7 FLAT ROCK									.01	.01	.01	.04	. 28	.02	.02					,					.0
FORT PAYNE GREENVILLE NO 2									.01				.01	.01	. 04	.03	.01		.01				.10	.14	.0
GUNTERSVILLE REC HALEYVILLE HUNTSVILLE 6	.01	.01	.01	.01	.01	1			.01	.01	.01	.01		.01	*	*			.03						.10
AAGNOLIA											.05		.06	.22	.18	.01	. 02	.07	.02	.02	.12	.13	.10	.13	. 3
MARION 1 MILE SSE MIDWAY MOBILE WB AIRPORT 6									.06	.01	.12	.01	.02	. 23	.02	*	.01	.01	.01	.01	*	*			. 5
MOBILE WB CITY MONTGOMERY WB AIRPORT 6										.15				*			*	*	.71	*	*	*	*	.03	
MONTGOMERY WB CITY MUSCLE SHOALS 6	.04													*	* .03	* 01	.18	.01	.01						. 20
PAINT ROCK PETERMAN PLEASANT HILL								.01	.01		.01	.07	1.54	.02	.01	.02		.03	.01	.02		*		*	1.7
RIVER FALLS 2 MILES NE TROY													43	.08	,10	1.08	.09	.10		.01					1.2
TUSCALOOSA AIRPORT 6 UNIVERSITY VERNON	.02			.01	.01	.01		*	.28	* .11 .01	.07	.01	.41	.02	,02	.04	,01		.01						.5
TAMON												-13													
ATMORE STATE FARM BEXAR 2 MILES SE	. 59	.01							.01	,04	.14	-10	.11	.02	.30	.52									1.5
BIRMINGHAM WE AIRPORT GREENVILLE NO 2	.05	.01														.16									.1
HUNTSVILLE 6 LOCK NO 1 //	.02							*	* 1	*	•	*	.09												.0
MAGNOLIA MARION 1 HILE SSE MOBILE WB AIRPORT 6	.01		ě.	*	*	*	.08			.04															.0
MOBILE WB CITY MONTGOMERY WB AIRPORT 6	.06	.02	.01			,																			.0
MONTGOMERY WB CITY PAINT ROCK PLEASANT HILL			.03	*	*	* 1			* 1	*	.02		4	A	1.19	.04	.01								1.3
TUSCALOOSA AIRPORT 6 UNIVERSITY													.16		*	4.	4	*	.22						. 29
											_	-14	h-												
												ater de					.06	0.0	.23	.07			. 02	.03	. 49
BELGREN BERRY BEXAR 2 MILES SE																		.08	.01	.01	.01		.07	.08	

						M 11		,					-												NE :
Station	-	2	2	,	г	M H		r	i^		1	1 -				Y	P.	М. Но	our end	ling					
ET AT DOOR		2	3	4	5	6	7	- 8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
FLAT ROCK FORT PAYNE GARDEN CITY GUNTERSVILLE REC HALEYVILLE HUNTSVILLE 6														.07		.04	.03			. 03	.0:			.01	
MONTGOMERY WB CITY MOULTON MUSCLE SHOALS 6 PAINT ROCK			*	*		*	.03	3						*	*	*	.01	*	. 17		.49			*	
THORSBY 1 MILE SW TONEY TRAFFORD TUSCALOOSA AIRPORT 6 UNIVERSITY VERNON													*	*	*	.18	*	.01	.01	*	* *	.70 * .02 .25	* .03	* * .01	
ABBEVILLE ANNISTON WB AIRPORT 6 ASHLAND // ATMORE STATE FARM								* .19	* .09	* .05	* .02		1		.32	.01		*	.03	*	*	*	*	*	
AUBURN SCS 10 BELGREEN BERRY BERRY BERAR 2 MILES SE BIRMINGEAM WB AIRPORT	.16	.47		.01	.02		.03		.05	.01	.02	3	. 22	.01	.02										1.
MORY LLE NO 2 JAY ROCK TORCH NORCH ORT PAYNE ARDEN CITY UNTERSYLLE REC				.38	.04		.43	.04	.01 .01 .14 .74	.18 .13 .04 .29 .01	.02 .01 .01 .03	.02	.02 .02 .07 .01	.01 .08	.01		.01	.02	.01	.05					1.
ALEYVILLE 6 UNTSVILLE 6 ACKSONVILLE AY DAM OCK NO 1 // IDWAY	.01	.01	.32	.02	.02 *	.04	.04 1.26	.01 *	.09	.13	.71	.01	.10	.12	.28	.04	.09	.10		* .01	* .41	* .01	*	*	1.
OBILE WB AIRPORT 6 OBILE WB CITY ONTGOMERY WB AIRPORT 6 ONTGOMERY WB CITY OULTON		*	.02	* .01	.07	.01	.24	.17 * * .20 .29	.03	* .07 * .56	* .60 .04	* * .13	.38	.32	*	* .01	*	*	. 05						1.
SCLE SHOALS 6 IINT ROCK TTERMAN VER FALLS 2 MILES NE IORSBY 1 MILE SW	.62	.08	*	*	.05	.05	.16	*	. 25	* .41 .02	1.00 .01 .01		.42	40	.41	.32	*	.12	.20 1.30						4.
ONEY APPORD OY ISCALOOSA AIRPORT 6 IVVERSITY RNON	.04	.60	*07	.73	.12 * *	*	.11	.50 .20 *	.01 .11 1.55 .02	.30 .07 .01 .13	.02 .11	.09	.04	.03	.09			.01	.02						1.
INISTON WB AIRPORT 6	.63	.03				.01	.02	.04	.10	.04		-16t	h-		.01						and the same of th			}	
AT ROCK PAT MORGAN // LETVILLE PATSV	.01	.01	.09	.01	.01			.01					.08	.09	.01										
AT ROCK			}			1			Management of the State of the		-	-17t	h-				.01				-			-	
DISON LGREEN LETY ILLE LETY ILLE NTSVILLE 6		-	-	-	-	-	-				-	-18t	h-											.03	- : : : : : : : : : : : : : : : : : : :
BILE WB AIRPORT 6 BILE WB CITY UUTON SCLE SHOALS 6											.05	.03		* ' :		* :	• •		.06	: :	k	.20	.01		.0
LGREEN RRY SAR 2 MILES SE LAW LOCK NO 7				.29	.17	.08	.05	.01			_	-19t)	h-			.12 ,	,03	67						1	.6
LEYVILLE 6 NESVILLE 6 NESVILLE 6 NEGOWERY #B ALREORT 6 NEGOWERY #B ALREORT 6 NEGOWERY #B CITY LITON	.01	.01	*		.01			• :		*		.05	.02	* *		1 0		i.	03 06 38		1				.0
RESET 1 MILE SW	.07		.00		.03		. 10	. 03	.02					.03 1.		16 . 05 .	06 .	01	٠	٠				01 1	.2
STATES WE STATE OR 1									.03	.02			.03	.01 .		03	02 .	01		01 .	03				. 20
ET NELES ST Z Z VORGAN							01 .	.05 .					14 .	.01 .:	37 .	01 .	01 01		06			01 .	01 .	02	. 0:
1975 C.117 2585 H.L. T. Kor 2 View VII., r. 22 1987 VII. r. 22									05		.05		02 .	.03 .0	01	02 . 15	01 .0	01							.60 .10 .25 .15

HOURLY PRECIPITATION

Table 4-Continued						пС	UN	LI	rn	EC	IPI	IAI	IOI	ν.								<u>-</u>			E 1949
Station					A.	М. Но	ur end	ing									P.	M. Ho	ur end	ing					73
0.00	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
HUNTSVILLE 6 LAY DAM MIDWAY MOBILS WB CITY MONTGOMERY WB AIRPORT 6 MONTGOMERY WB CITY MUSCLE SHOALS 6 PETERMAN PLEASANT HILL RIVER FALLS 2 MILES NE THORSBY 1 MILE SW TROY TUSCALOOSA AIRPORT 6 VERNON	.02	.01					.02	.01	.03	.01	* .02 .35 .04 .03	.01	.06	* .01 * .03 .01 * .02	.03	* .03	* .02* * *	* .04	.01 .01 .10 .08 -	.07	*	*	-	*	.05 .10 .03 .46 .04 .04 .13 .77
ABBEVILLE ADDISON ANNISTON WB AIRPORT 6 ASBLAND // ATMORE STATE FARM AUBURN SCS 10 BELIGREEN BERRY BEXAR 2 MILES SE BIRMINGBAM WB AIRPORT DADEVILLE NO 2 DOTHAN CAA AIRPORT FLAT ROCK FORT MORGAN // FORT PAYNE GARDEN CITY		.01	.01			.02 .20 .48 .08	.43	.01	.01 .07 .01 .18 .01	.13	.03	.01	.02 .04 .03	* .02 .02 .23	.02	.14	.01	.03	.06	*	* .06	*	*	.06	.07 1.66 .29 .91 .37 * .28 .93 .23 .10 .20 .04 .25 .04
GREENVILLE NO 2 HALEYVILLE HUNTSVILLE 6 JACKSONVILLE MOBILE WB AIRPORT 6 MOBILE WB AIRPORT 6 MONTGOMERY WB AIRPORT 6 MONTGOMERY WB CITY MOUNTGON MUSCLE SHOALS 6 PAINT ROCK RIVER FALLS 2 MILES NE TRORSBY 1 MILE SW TONEY TRAFFORD TROY TUSCALOOSA AIRPORT 6 UNIVERSITY VERNON	.02	*	* .25	1.20		.38	.59	.01 * * * .31 *	.02 .05 * * * .01 * .10	.40 * * .10 * .10	* * * * .03 .05 .05	.01 * * * * * .05 .01	.37 .02 .17 .02 .09 .45 *	* * * . 26	* * .21 .24	.02	* * . 27	*	.02	* * * .50	* * .01	* * .06	*	* .07	.02 3.37 .02 1.93 .09 1.42 .32 * 1.07 .44 .21 .06
ABBEVILLE ANNISTON WB AIRPORT 6 ASHLAND // ATWORE STATE FARM BELGREEN DADEVILLE NO 2 DOTHAN CAA AIRPORT FORT MORGAN //	.05	.01	*	* .01 * .01	* .01 .06 .03	.02	.18	.58	.02	.01		-22		.08	.25		3.28	.32	.05	.90	.10				.25 1.30 1.00 .68 .10 3.88
GRENVILLE NO 2 GUNTERSVILLE REC JACKSONVILLE LAY DAM LOCK NO 1 // MIDWAY MOBILE WE AIRPORT 6 MOBILE WE CITY MONTGOMERY WE AIRPORT 6 MONTGOMERY WE CITY MUSCLE SHOALS 6 PAINT ROCK RIVER PAILS 2 MILES NE THORSBY 1 MILE SW TROY	.28	* .58		* .91 .07	.05 .06 * .20 .31 *	.06 .16 * .06 *	1.72 .04 *	*	*	* *	.04	.04	.04 .05 .01 .05 .32 .02 .01	.10 * .03 * .12	.46	.01	* * .04	* *	.01	.23	1		.02		.57 .09 .08 1.29 .24 .26 .35 2.43 .41 .66 .33 1.16
ABBEVILLE ADDISON ASHLAND // ATWORE STATE FARM BEXAR 2 MILES SE DOTTAN CAA AIRPORT JACKSONVILLE LOCK NO 1 MARTON 1 MILE SSE MIDMALE WE AIRPORT 6 MONTGOMERY WE AIRPORT 6 MONTGOMERY WE AIRPORT MOUNTGOMERY WE AIRPORT MOUNTGOMERY WE CITY MOULTON VERNON	1	٠	*	•	.01	.01	.02	.01		.01	-	-23	3d- - *	.02	.43	.51	. 29	.02 -	.01	.12	*		•	*	.13 .01 .13 .88 .02 - .09 .45 .05 .03
ABBEVILLE ADDISON ANNISTON WB AIRPORT 6 ASHLAND // ATMORE STATE PARM AUBURN SCS 10 BELGREEN BERRY BIRNINGHAM WB AIRPORT BOAZ DADEVILLE NO 2 EUTAW LOCK NO 7 FOORT MORGAN // FOORT PAYNE GARDEN CITY GREENVILLE NO 2			.01		.01	.01		.05	.03	.01	.01	.02	.08	* .03 .02 .02 .12 .07	.25 * .01 .21 .06 .03 .01 .05	.05 * .01 .03 .01	.01 * .05 .04 .01	.01	.02						.19 .41 .05 .15 .08 .03 .63 .73 .12 .18 .07 2.32 .46 .20 .23

Station							r endi	-	-			-	- 1				6.1	100	ır əndi					
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
UNTERSVILLE REC												.17	.03	.01	. 18					.10	.01			
ONTSVILLE 6						.18		*	*		*	*	.03		*	*		*	.01	.01				.02
LY DAM		16	02	0.3	0.1		0.5		0.1	05	. 39	0.4	.05	.01	-01	. 43		.02		.01	.01			.02
OCK NO 1 // ARION 1 MILE SSE		.16	.02	.03	.01	.18	.07		.01	.05	. 39	.04	.01	.02	.01									
DWAY DBILE WB AIRPORT 6	.06						. 15						,38	. 29	.08	.02	*		.95					
BILE WB CITY NTGOMERY WB AIRPORT 6		1.16						.02	.01	.21	.08	.03	.36		. 25	.57	.05	.02	.22			.03		
NTGOMERY WB CITY										.11	.56	.01			.09		.02	.01						
SCLE SHOALS 6 INT ROCK								*	•	.01		.08	.04		.02			.01						
FERMAN VER PALLS 2 MILES NE									.36	.08	.07	.02		.01	.02	.02								
DRSBY 1 WILE SW											.03	.13			.05	.02								
VEY A FFOR D						.07	. 23	.01	.01					.82	.16	.02	.01	.24		.01				
SCALOOSA AIRPORT 6							.02					.01	.06						.74					
IVERSITY							.08	.72	. 48	.04		.01	. 34		.35	.01								
RNON											.01			. 23										
											-	25	th-											
DISON								_				20			.39	.26	.02	.01						
NISTON WB AIRPORT 6		.09	*		*		.02	*	•	.01		•	.02			.11	.12	.01	. 54			.01	.01	
BURN SCS 10 LGREEN													.17	.02	.01		.03							
RMINGHAM WB AIRPORT						0.1								.07	.17									
AZ THAN CAA AIRPORT	-	-	-	~	-	.31	.02	-	-	.17	.01	-	_											
AT ROCK RT PAYNE				.01	.03	.05	.03										.36	.02						
RDEN CITY				.01	.01	.00	, 00											.02						
EENVILLE NO 2 NTERSVILLE REC																	.05	.02						
LEYVILLE NTSVILLE 6				.02		.01							.06	.10					.12					
CKSONVILLE		.01		.02		.01		.02	.01							0.2								
Y DAM DWAY																.03	.14							
BILE WB AIRPORT 6	.67						.03								.11									
SCLE SHOALS 6							. 50							* 61	*	*		٠	.12					
NT ROCK														.51	.72	.02	.01							
VERSITY NON										.01	.01	.40	.06	.03	. 22	.01								
												0-	. 7											
						1					_	-26	th-											
DISON												1	.01		.91	.08	. 05	.03	.01		.48	.01	.01	01
VISTON WB AIRPORT 6												1			*				.23		.40	.01	.01	.01
HLAND // BURN SCS 10															.09	.62	.06							
RRY																			*		.02	*	.02	.01
KAR 2 MILES SE RMINGHAM WB AIRPORT												1							. 23		.02		.02	.05
AZ DEVILLE NO 2												.02	.01		.01	.01		.01						
RDEN CITY										.01		.01	. 29	. 60	.02	.01		. 02		.08	. 93	.14	.04	.01
EENVILLE NO ? VTERSVILLE REC														.03	.02	.01		.02						
ETVILLE TSVILLE 6							.01										*		.03			. 64	. 14	.01
CKSONVILLE										.03	.02			.09	.06	.16								
F DAM GNOLIA																, 10			.04					
RION 1 MILE SSE BILE WB CITY					.02	,								. 25	.01									
NTGOMERY WB AIRPORT 6							.12					,		*	*	*		*	.02					
ULTON ORSBY 1 MILE SW			.02	.01			. 12			1					.21	.10								
AFFORD OY											.22	.02	. 75								•	*		.33
SCALOOSA AIRPORT 6														*	*		*	*	.05		.24	.72	. 66	.01
RNON										1									. 00			2	.00	,01
											_	27	th-											
BEVILLE	03	.01															.02	.01		.03	.01			
NISTON WB AIRPORT 6		.01						*							*		*	٠	.10					
RMINGHAM WB AIRPORT	.01					1						1	.03	.09	.01		.01							
THAN CAA AIRPORT												.03	.01	.21	.07	.01	.01		.01			.01		
AT ROCK WTERSVILLE REC													.03	.04	.01									
LEYVILLE CKSONVILLE	,01								1	.08	.28	.01												
/ DAM DWAY														.03			1.10	.08						
VER PALLS 2 MILES NE											.60	.01		,05				. 00						
ORSBY 1 MILE SW												.10												
											_	28	th-											
NISTON WB AIRPORT 6													٠		*		*		.18					
HLAND // BURN SCS 10													•		*	. 25	.78							
LGREEN			1																	.01			.03	
TRRY TXAR 2 MILES SE																			.04	.14	.01			
RMINGHAM WB AIRPORT																	.01		.01	.05	.05	.01		
DAZ OTHAN CAA AIRPORT											-							.12	.01					
AT ROCK RT PAYNE											.30	.08	.10	.02	.02	.01								
RDEN CITY															.03	.02	.01	.06	.01	.01				
INTERSVILLE REC																								

					A. 1	M. Hou	ır endi	ng									Ph	1 Hou	ı endı	ng					~
Station	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
JACKSONVILLE MAGNOLIA MOUTON MUSCLE SHOALS 6 PAINT ROCK RIVER FALLS 2 MILES NE TONEY VERNON										.15	.56	.30	.08	.78	.01	.46	.57 * .07 .02 .01	.01	.33	****	.09	.01	_	.01	1.6 .1 1.1 1.2 .4 1.3
ABBEVILLE ADDISON ANNISTON WB AIRPORT 6 ABDAZ ABDAZ ABDAZ ABDAZ BADZVILLE NO 2 PLAT ROCK PORT PAYNE GUNTERSVILLE REC HUNTSVILLE 6 6 ACKSONVILLE MIDMAY MONTGOMERY WB AIRPORT 6 MONTGOMERY WB CITY MOULTON THORSBY I MILE SW PONEY RUSCALOOSA AIRPORT 6 HIVESTITY	.10	*	*	*	*	*	.01	.01	.01	.07	*	*	.05	.20	* * .07 .01 .01	.23 * .02 .01 .04 * .25	* .05 * .02 *	* .09	.39 .34 .12 .12 .08 .01 .07		.02	.12	* 01		.44 .2: .1; .0; .22 .3 .0; .20 .2: .1; .4: .4:
ABBEVILLE ADDISON ATMORE STATE FARM BERRY BEXAR 2 MILES SE BIRMINGHAM WB AIRPORT CAMPBELL DADEVILLE NO 2 FLAT ROCK SARDEN CITY HALBYVILLE LAY DAM		_	-		03	-		.02	.01	.01	000	-30	* .06	* .04 -	*	.40 *	.03	-	.01 * .02 .01 .01	.01	*	.23	.02	*	.00 .01 .4 * .1(.01 .01 .21 .01
LAY DAM MAGNOLIA MILE SSE MARION 1 MILE SSE MARION 1 MILE SSE MADRIC WAS AIRPORT 6 MOBILE WB AIRPORT 6 MOBILE WB CITY MONTCOMERY WB CITY MOULTON MUSCLE SHOALS 6 NEW BROCKTON PAINT ROCK PETERMAN			-		-03	.09	.07	.01	* -	* -	*	.16	.03	*	.24	* .06	.05 * 1.44	.10 * .70	.02		.50		.01	-	.0 .1 .1 .5 2.3 .0 .2
PLEASANT HILL RIVER FALLS 2 MILES NE TONEY TRAFFORD TUSCALOOSA AIRPORT 6 UNIVERSITY VERNON	.03	-	-		-	_	-	_			_			*	* .52	-	.01	.05	.10 .89	.01	-	.74	-	-	- .7 .2 .1

DELAYED DATA

DECEMBER 1948				
			-18th-	
EUTAW LOCK NO 7	1	13 .01 .04 .01 .01	.01 .01	01 .01 .01 .02 .94
			-19th-	
EUTAW LOCK NO 7	.01 .03	.01 .01		.06
		1	1-25th-	
EUTAW LOCK NO 7	.02 .13 .01 .01			.17
FEBRUARY 1949				
			-3rd-	
ASHLAND //	I	F	1	.04 .21 .04 .29
			-4th-	
ASHLAND //	.04 .02 .31 .09 .05		.01	05 .01 .58
			-6th-	
ASHLAND //			.01 .01 .02	.01 .05
			-8th-	
ASHLAND //	.01 .03		.01 .04 .06 .	05 .19 .05 .08 04 .56
			-9th-	
ASHLAND //	.05 .04 .01	.05	.03	02 .04 .05 .13 .42
			-10th-	
ASHLAND //	.03 .01 .02 .	.01 .02 .02		.11
			-15th-	
ASHLAND //		.02 .02 .01	.03 .01	08 .02 .06 .09 .02 .07 .01 .44
			-16th-	
ASHLAND //	.01 .12 .17 .20 .13 .		.02 .01	1.10
, ,	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1.20

A. M. Hour ending

P M. Hour ending

C4-41																									3
Station	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Tota
													-18th-												
ASHLAND //																		.01	.03		.01		.01	.01	.07
		00	0.3	^2	0.4	10	02	15	60	0.0			-19th-												1.19
ASHLAND BOAZ NEW BROCETON	.03	. 09	.03	.03	. 04	.12	.02	. 05		.08			.01	.04	.16	. 14	.05	.06	. 03		.14	. 02	.01	.01	.62
NEW DROCETOR													-20th-												
NEW BROCKTON	.01	.05	.02	.01																					. 09
													-26th-	-											
ASHLAND / 'BOAZ	1																	.01	.02	.03	.04	.06	.08	.01	. 25
													-27th-												
ASHLAND	.01	. 05	.01	.07	.03	.11	.03	.19	.13	.06		.01			.01	.01	. 02								. 73
NEW BROCKTON	.01	.01	.01		.01	. 05	.10	.05	.08	.18	.04	.01				.01									.54
APRIL 1949	7			1																					
***************************************	3					1							-24th-	-			10	.03	01						.14
MIDWAY	i												-27th-				. 10	.00	.01						
MIDWAY	l.												1							. 02	.07	.04		1	. 13
													-28th												
MIDWAY					.02	.02		. 02	.25	.04	.01	.18	.85	.04	.03	.04	.33	.16	.08	.04	.02	. 01	.13	.01	2.28
	1												-29th-												
MIDWAY	.02	.03	.12	.09	.31	.10	.10	.02		,13	.01	.01	.02		.15	.20	.10	.02				.02	.01		1.63
MIDWAY					. 01	. 02	.01		.01	.01	.01	.07	.06		.01										.22
мат 1949																									
	1												-1st-												
ASHLAND //															. 15	.43	.08	.18	.19	.06	.01			1	1.10
													-2nd-												
ASHLAND //	1			.06	.02	. 01		.01					-24th-												.10
A SHLAND													1	. 06		.15	. 26	. 01							.48
nonun au													-27th												
ASHLAND .														.08	.01										. 09
													-28th-	-											
ASHLAND .	.08	. 22	.08	.01														.02	.02						43
													-29th	-					0.0	1.0	0.1				,52
ASHLAND								.04	.06	.05			-30th						.20	.16	,01				.32
ASHLAND			,01	.01	. 03	. 14	.09	.13		.05			-30(11										14	. 04	66
													-31st												
ASHLAND /									.03																03

CORRECTIONS

MONTH: JANUARY, 1949

Table 2:

Muscle Shoals

Total Precipitation 11.40; Dep. + 6.54.

Table 3:

Livingston

On 30th, .25; on 31st, .88. Total for Month 5.44.

Muscle Shoals

On 22nd, .54; Monthly total 11.40.

Table 4:

Muscle Shoals

Pleasant Hill

St. Bernard

On 17th at 1 a.m. .66; on 30th at 7 p.m. .31.

MONTH: MARCH, 1949

Tables 3 & 4:

Delete all amounts 23rd to 31st, inclusive, and monthly total. Record inaccurate.

MONTH: MAY, 1949

Table 3:

On 31st .36; Monthly total 3.36.

On 31st .45; Monthly total 3.88.

DAILY TEMPERATURES

Table 5		-				-																											JUNE	
Station		-					_	_										of mor																rerage
ALEXANDER CTY 6 MI NE	MA.	- l	+	85	84	88	91	91	92	92	9 86	82	83	82	13	14	15	83	84	18	90	20	85	89	91	89	25 90	26 90	87	93	92	92	31	87.5
	MI	N 6	52	61	60	55	61	63	60	63	62	68	68	64	67	68	70	62	64	58	62	66	67	71	69	71	72	73	70	68	70	69		65,5 88,1
ANDALUSIA	MI	N 6	56	63	62	61	65	67	67	69	68	69	68	69	70	70	72	68	64	67	70	70	71	70	68	70	71	74	74	73	74	73		68.8
ANNISTON WB AIRPORT	MA	N 6	50	58	86 61	88 57	90 63	90 63	60	92 63	85 66	78 68			86 67	71	82 65	82 64	61	87 59	90 63	67	67	71	70	90 74	88 71	90 73	71	90 70	90 69	70		86.9 65.9
ATMORE STATE FARM	MA			88 64	64	91 63	93 67	93 69	96 71	94 71	92 69	82 69	81 70	86 69	90 69	90 72	87 71	68	90 66	92 69	94 71	82 71	72	73	90 72	73	91 72	93 75	95 75	96 75	96 75	95 73		89.9 70.2
AUBURN	MA			83 59	83 59	84 58	63	91 62	90 64	93 69	90 63	87 66	78 66	79 64	84 66	86 69	86 69	68	63	85 59	62	89 69	82 68	69	68	70	88 69	90 72	92 70	91 69	93 67	92 68		86 . 6 65 . 7
BAY MINETTE	MA			89 64	63	90 63	92 61	90 66	91 71	88 65	85 69	81 69	77 69	83 68	88 69	90 71	86 70	88 68	89 66	91 66	88 71	88 72	82 71	89 73	90 73	78 71	90 71	91 75	93 75	93 74	95 75	93 75		88.1 69.4
BIRMINGHAM WB APT	MA			84 61	86 63	90 64	88 63	89 64	90 62	92 65	83 67	76 69	81 70	82 69	84 69	88 73	83 67	82 66	85 62	85 62	88 64	86 70	82 71	91 72	93 70	85 72	86 73	92 72	90 72	93 72	90 71	93 72		86.7 67.6
BIRMINGHAM WB CITY	MA			88 63	90 65	94 67	92 65	93 64	93 65	95 68	84 67	81 68	80 70	80 69	88 68	88 73	84 69	82 67	85 63	86 64	90 65	87 70	80 71	94 72	93, 70	87 73	86 73	91 76	93 71	94 72	92 71	95 72		88.4 68.5
BREWTON 3 MILES SSE	MA			87 62	87 62	90 62	93 59	94 62	95 63	93 63	90 71	81 67	83 68	87 67	90 69	90 69	85 69	87 67	90 61	93 69	91 67	87 70	84 71	94 70	92 68	82 72	92 71	93 72	92 71	95 71	96 74	95 72		89.9 67.3
CENTREVILLE	MAI			88 69	90	92	91 71	92 72	95	94 74	86 69	81 70	85 72	81	88	88	86 75	86 75	87	88	82	87 72	85 72	89 66	88 72	88 73	89 78	93	96 75	96 75	96 75	95 74		89.0
CITRONELLE	MA			87 67	86 66	88 68	91 68	89 70	92 72	90 70	85 70	80 70	79 70	84 71	87 69	86 73	83 71	87 70	88 68	86 71	88 73	84 71	84 72	88 73	90 73	78 74	90 72	91 73	88 72	92 74	95 75	93 76		87.2 71.0
CLANTON	MAI			84 59	86 62	88 61	91 66	90 65	92 62	94 69	91 66	84 68	72 69	82 68	85 69	89	86 71	84 66	86 63	86 61	89 64	89 69	81 70	85 70	86 70	89 73	88 73	92 75	93 72	88 73	93 71	94 72		90.4 67.7
CORDOVA	MAX	K 8	36	85 62	89 64	92 64	90 61	90 63	91 61	93 63	85 65	83 69	87 69	82 69	89 69	89 72	87 70	83 68	89 65	89	89 69	85 65	81 70	93 74	87	91 74	93 78	94 78	92	94 75	93 76	95 70		88.9 68.5
DAYTON	MAI	K 8	38	88	89	90 62	90	92 65	94 65	94 75	91 69	84 70	85 69	83 69	90 68	89	87 74	85 65	86 61	90 65	90 67	86	89	92 73	92 71	89 75	93 73	93 72	93 73	94 74	94 73	93		89.8
DECATUR	MA	Κ 8	32	86	88	90	90	89	90	93	90 70	80 68	85 71	83	85 71	90 74	85 68	76 67	83	82 67	85 67	83	81 69	88	92 70	85 75	90 73	90	91 71	90	90	90 73		86 7 69.2
DOTHAN CAA AIRPORT	MA	8 2	34	86	87	89	95	96	96 70	93	90	80	83	90	88	88 70	90	90	91	91	92	83	84	88	90	84	93	93	91	95	94	94		89.6
EUFAULA	MA	Κ 8	36	85	88	59 90	93	92	93	87	89		69 81	89.	69 89	90	71	70 88	82	90	90	87	72 89	90	92	72 85	92	76 89	74 86	93	73 91	93		68.9 88.7
EVERGREEN	MA	K 8	35,	58 87	59 87	55 92	66 88	68 92	92	69 95	93	69 94	68 80	69 87	72 87	71 89	73 87	70 84	87	62 87	65 86	91	71 79	75 84	76 91	74 91	71 84	74 91	73 92	71	73 95	71 95		68.7 88.7
FAIRHOPE	MAI	K 8	38	88	60 89	62 89	92	91	92	90	70 89	70 82	69 83	90	70 91	72 90	71 86	67 89	62 91	91	90	68 82	83	71 92	71 92	72 83	71 91	74 92	92	93	73 94	93		68.1 89.3
FAYETTE	MAI	1		65 88	62 90	63 91	93	68 93	70 91	90	68 86	68 79	68 85	69 88	68 87	70	70 85	69 79	67 87	69 87	70	70	71	72	73 92	70 93	74 86	76 89	73 92	75 91	76 93	75 92		69.6 88.3
FORT MORGAN	MAI			85	57 86	62 85	65 91	63 89	90	62 88	65 88	70 86	70 81	69 81	72 87	87	68 84	61 86	58 89	59 89	90	65 82	71 81	69 88	90	73	73 89	75 89	72 89	70 91	69 95	72 93		66.8 87.2
FRISCO CITY	MAI			73	61 88	68	70 91	71 92	72 93	75 98	74 93	75 91	72 83	71	79	73 89	72 89	71	67 89	70 90	73	72 91	74	75 86	76 92	73 92	78 83	79 90	79 92	74 92	76 95	79 95		73.2 89.1
GADSDEN	MAI			63 84	62 85	62 87	65 90	66 91	69 90	69 90	70 92	69 87	69 81	69 85	69 88	70 87	72 88	66 81	63 84	67 88	69 88	70 90	71	72 82	72 91	74 94	70 90	73 89	90	74 91	74 91	72 92		69. 0 87.8
GENEVA	MAI	N 5	7	57 89	59 88	54	64	64	58	61 98	65 95	68	68 78	66	68	71	71	64	62 92	58	61	68	69 78	72	68	70 89	74	70	70	69 92	68	68		65.4
	MII	N 6	55	58	62	60	59	65	66 91	66	67	68	68	66	67	69	71	68	64	65 85	67	70	72	69	67	71	70	72	72	72	73	72		67.4
GOODWATER	MI	1, €	3	61	63	59	67	66	61	66	65	68	67	66	68	70	70	62	62	58	63	68	68	71	70	71	72	73	71	70	70	69		66.6
GREENSBORO	MI	N 6	57	87 65	87		92 66	91 72	93 66	93 70	69	70	73	70		90	86 74	85 61	63	91	68	70	73	93 73	92 73	85 72	94 73	94 74	96 74	96 75	95 73	98 73		89.4
GREENVILLE	MAI	1 7	72	85 61	88 63	90 61	90 68	92 68	94 70	95 69	91 68	82 70	78 69	85 68	68	87 71	83 74	86 68	86 63	90 65	90 67	69	83 72	89 71	71	85 73	91 71	93 72	85 73	94 73	94 74	93 74		88.1
HALEYVILLE	MAI	1 6		82 64	84 63	87 67	88 65	82 67	87 68	68	91 66	67	78 69	69	68	85 69	67	79 64	79 60	63	81 65	85 66	81 66	78 68	70	91 73		85 74	70	86 72	88 69	88 71		84.5 67.5
HIGHLAND HOME	MII			84 63	83 63	86 63	89 64	66	92 71	92 67	86 67	77 68	78 68	86 66	86 67	87 70	82 68	82 65	84 62	88 66	88 67	78 69	84 71	86 71	89 70	90 71	89 73	90 73	90 71	91 71	90 72	90 73		86.3 68.0
HUNTSVILLE	MAI			86 60	87 62	90 67	88 64	86 65	88 62	90 64	84 69	80 69	81 69	83 69	85 70	89 69	79 65	79 65	83 62	84 62	86 66	78 68	81 71	90 72	93 69	86 74	89 74	91 73	90 70	91 68	89 68	90 70		85.9 67.3
LA FAYETTE	MAX					87 57			93 64	91 65	89 63	78 65	78 66	84 64	87 66		81 70	85 67	87 64	90 63	93 63	86 63	88 68	90 69	92 68	92 70		90 76		95 70	95 70	93 68		88.2 65.6
LIVINGSTON	MAI			86 62	87 60	90 64	90 66	91 67	93 65	89 67	89 69	84 71	85 70	80 71	88 68	86 73	84 71	84 65	86 61	90 63	87 70	88 70	88 72	93 72	93 73	87 74	93 74	93 76	94 73	94 74	94 73	90 73		88.7 69.2
LOCKHART	MAN			84 61	85 60	86 58	89 62	92 66	92 71	93 68	90 67	90 69	83 69	82 68	88 69	87 69	89 71	82 68	89 63	89 66	91 69	90 70	77 71	83 69	90 69	90 72	82 70	90 73	91 73	92 72	94 73	93 73		88.0 68.1
LOCK NO 4	MAI			85 59	86 61	90 59	88 62	89 63	90 59	93 63	86 65	80 67	86 68	84 67	86 69	89 71	87 71	82 62	85 62	85 60	90 71	85 70	81 66	91 71	93 70	90 71	87 73	89 71	89 70	91 73	91 69	93 69		87.5 66.5
MADISON	MAX MII			86	89 60	92 62	91 61	90 62	90 61	93 62	88 65	82 65	87 66	83 65	86 66	89 70	78 64	81 63	84 59	85 61	87 62		82 67	95 70	95 68	88 69	89 71	92 68	91 66	93 67	91 65	93 67		87.8 64.5
MAXWELL FIELD	MAX			86	89 65	91 65	91 68	93 69	94 70	91 72	88 70	75 71	81 71	88 70	88 69	88 73	81 74	85 69	87 65	90 66	92	85 71	86 73	87	89 73	86 75	94 74	90 76	92 75	94 76	93 76	94 74		88.5 70.7
MOBILE WB AIRPORT	MAX	8 , 1	9	86 67	88 65	90	93	92 70		89 68	86		80 69	86	88 69	87	87	89	90	90 71	88 73	85	84	91	- 1	79 71	88 76	89 76	90 73	95 74	96 74	93 74		88.4 71.0
MOBILE WB CITY	MAX	: 8	8	88	88	89	93	91	94		89	81	78 71	85		88	87	90	91	90	89	84	84	90	91	82 72	88	89	90	93 77	97	92 72	1	88.6 73.1
MONTGOMERY WB APT		8 2	6	86	89	92			94	91	88		78 69	86	88 68		80		85		90		86 72	86 73	89 72	85 73	93	92 75	91	94	93 75	96 73		88.2 69.1
	m II	. 0	-	00	00	00	01	00	0.1		00	0.5	00	0.0	00	- 4	* 1	00	0.1	0.2	00	0.0	9 80			13	, 0	10	7.7					

ALABAMA JUNE 1949

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ONEONTA	MAX	60	58	88	87 62	90 63	90 62	90 60	63	92 66	85 67	78	84 68	68	71	90 67	82 ₁ 65	60	60	61	9 0 62	90 70	71	91 68	73	90 73	70	91 69	70	92 67	93 69	87.9 65.7
OZARK	MAX	84 65	85. 61	85 62	88	92 66	92 68	95 71	95 68	88 67	78	80 68	88 67	85 68	85 70	83 70	89 68	88 64	90 65	92 67	82 ₇₀	83 ₁	88 70	90 70	83 73	90 71	92 69	90 71	93 73	90 73	92 72	87.8 68.2
PRATTVILLE	MAX	86; 62	87 64	87 60	88 63	90 60	91 66	93 64	89 68	87 69	83 70	79 69	87 69	88 69	88 68	81 73	84 66	85 62	88, 62	90 64	86 66	87 72	83 73	89 73	85 ¹	93 73	93 73	92 73	93 73.	93 72	93 72	87.9 68.1
PUSHMATARA	MAX	80 65	85 59,	85 58	85 59	90 66	90 67	90 64	91 69	90 68	88 68	80 70	76 72	84 68	87 72	86 64	86 67	86 ¹	88 62	86 67	91 68	86 71	87 73	90 73	90 73	84 74	92 77	91 75	92 74	93 73	95 71	87.5 68.2
ROBERTSDALE 7 MI E	MAX	89 66	88 65	88 60	90 61	92 64	91 69	94 65	88 68	86 67	79 69	79 70	86 69	89 68	89 70	88 70	89 69	91 65	89 68	89 70	84 70	82 71	89 71	89 73	79 71	89 71	90 75	91 74	92' 72	94 76	94 74,	88.2 69.0
ROCK MILLS	MAX	85 57	86 55	83 55	90 54	92 62	95 63	95 60	95 60	88 63	81 66	81 67	87 65	88 67	88 68	81 71	88 69	90 62	91 57	91 61	86 66	86 69	91 70	92 70	92 70	91 72	94 72	90 71	94 69	94 69	95 67	89.3 64.9
SAINT BERNARD	MAX	81 60	83, 58,	85 60	88 64	90 65	88 65	88 62	88 62	91 65	85 66	79 68		83 68	88 71	89 71	80 65	76 61	84 60		87 65	77 68	79 70	89 69	93 72	89 71		92 67	90 69	91 66	89 69	86.0 65.8
SCOTTSBORO	MAX	85 59	87 61	89 62	91 60	89 64	90 64	91 60	93 64	89 67	82 68	84 65	86 70	89 70	90 71	78 67	83 65	86 64	85 63	90 64	87 67	86 68	92 72	94 70	89 72	88 70	91 69	89 68	86 68	88 68	93 68	88.0 66.3
SELMA	MAX	85 66	85, 62	88 63	88 64	88 67	90 67	91 67	92 70	87 69	78 71	78 70	84 69	89 69	88 73	86 73	83 67	84 64	88 64	89 66	84 69	87 75	89 75	88 74	87 74	91 75	92 76	91 73	94 74	95 73	94 73	87.9 69.6
SPRING HILL	MAX	85 69	88	89 64	86 66	90 70	90 69	93 73	93 72	86 70		85 69		84 70	88 74	88 67	86 70	90 67	91 70		89 73	86 73		88 74	90 74	83 71		92 75	92 75	95 75	96 77	88.9 71.0
TALLADEGA	MAX	85 61	86, 59	86 62	89 60	91 63	91 62	91 60	93 64	85 66	81 68	82 69	82 67	87 67	88 72.	82 71	83 62	85 60		89 64	84 68	82 66	90 71	90 70	87 72	88 73	89 73	89 70	91 71	91 70	93 70	87.2 66.3
THOMASVILLE	MAX	82 62	86 69	88 61	87 64	90 67	89 68	89 67	92 67	91 70	83 69	79 68	85 67	89 67	89 72	86 72	86 65	86 62	89 66	90 67	86 69	87 71	91 72	93 71	86 72	92 72	91 76	94 74	94 73	95 73	93 ₁ 73	88.6 68.9
TROY	MAX	84 62	85 62	85 62	61	91 62	91 62	91 71	91 70	88 62	87 69	75 68	78 67	78 68	83 70	85 70	78 67	83 65	83 65	88 67	83 70	77 70	87 70	88 71	90 73	86 71	91 75	90 72	91 72	92 74	93 73	85.9 68.0
TUSCALOOSA AIRPORT	MAX	87 66	90 62	90 60	93 65	92 64	93 65	93 64	96 66	87 68	79 70	86 69	81 70	89 69	90 71	85 69	83 64	87 60	90 64	90 67	90 68	87 72	93 73	95 71	87 74	92 73	96 76	94 75	95 72	94 72	97 72	90.0 68.4
TUSKEGEE	MAX	85 62	86 60	87 60	89 58	91 65	92 65	93 65	94 65				87 65	87 67	88 69	87 70	85 72	85 64	88 61	89 64	83 69	85 69	89 70	90 70	90 71	92 70	92 72	88 ¹	92 69	92 70	92 70	88.8
UNION SPRINGS	MAX	83 63	81 60	85 60	88 59	91 66	92 65	93 66	90 67	88 66	74 68	79 68	87 67	87 68	88 69	82 70	84 68	85 64	89 61	90 62	79 64	85 69	88 70	92 69	90 71	91 70	91 70	92 73	93, 71	94 72	92 69	87.4 66.8
UNIVERSITY	MAX MIN	87 66	89 64	89 62	93 66	90	93 66	93 66	94 70	88 68	77 70	85 69	87 70	85 69	88 73	84 70	81 66	86 ¹	87 62	88 68	88 69	85 ¹	91 72	94	83 74	38 73	92 77	94. 75	95 75	93 72	96 73	88.8
VALLEY HEAD	MAX	80 59	84 57	85 61	86 61	86 60	86 54	86 56	88 58	82 67	80 62	82 66	84 66	89 70	85 71	78 71	80 68	81 66	83 59	85 58	89 57	85 59	91 66	92 66	88 69	89 69	89 72	89 67	89 59	90 70	90 65	85.7 63.6
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Table 5-Continued

MONTGOMERY WB CITY

MUSCLE SHOALS

Station

DECEMBER 1948 ANNISTON WE AIRPORT 68 60 JANUARY 1949 PORT MORGAN MAXWELL FIELD APRIL 1949 EVERGREEN **MAY 1949** ALBERTVILLE 1 MI S 71 80 83 87 86 85 82 84 84 70 46 53 68 69 62 64 66 56 67

EVAPORATION AND WIND MOVEMENT

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51. 41																Day	of m	onth															7	15
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	26	5	7.	245	g
ATRICK*	ALVD PAVE	14	(S)	.2	4 .34 8 33		27 .32 17 16	.28	.30	.18	.18	.05	.09	.11	.21	.22	.12	.21	.35	.31	.26	.07	.08	.21	.23	.19 45	.24	.36	.25	.37	.27		6.75	
FAIRHOLF	EVAL	17	2:	.2	9 .25	1	17 .26 37 35	.20	.19	.18	.10	.07 6	.01	.11	.06	.17	.20	.27	.15	.16	.08	.12	.19	.16 18	14	. 13 19	. 26	.22	29 33	.22 47	. 25 38		85.31 575	

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Station	○N County	Dramage: Lattude Longitude Elevation	Observation time Obs	Refer to tables	Station	ON County	Drainage † Latitude Longitude	Temp Temp Vecipon	Observer	Refer to tables
ABBEVILLE ADDISON ADDISON CEMTRAL TOMER ALARAMA STATE FARM ALBERTA ALBERTA ALBERTOFILLE 1 MI S ALEXANDER CITY 6 MI NE ALICEVILLE ANDALUSIA ANDALUSIA ANDALUSIA	0000 HENRY 0063 WINSTON 0071 LAWRENCE 0117 LIMESTONE 0140 WILCOX 0144 MARSHALI 0163 PALLAPONSA 0178 PICKENS 0252 COVINCTON 0267 CALHEUN	4 31 14 85 15 2 34 13 87 10 2 34 25 87 19 12 34 41 86 53 1 32 14 18 6 53 1 32 14 18 7 25 12 74 16 86 13 1114 11 72 59 85 52 60 16 31 98 86 10 6 31 98 86 10 7 33 40 85 50 724	8A 8A WM. M. GA	DSSY 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3	LOCK NO 3 LOCK NO 4 LOCK NO 17 MADISON MAGELIA MAGNOLIA MARION JUNCTION MARTIN DAW MARKIN DAW MARKIN DAW	4840 CHOCTAW 4845 TALLADEGA 48455 TUSCALDOSA 4970: MADISON 4990: JFFERSON 5004 MARSINGO 51 08 PERRY 51:10 DALLAS 5:40 TALLAPOOSA 52:07 MONTGOMERY	2 33 29 87 20 12 34 42 86 45 3 33 30 86 51 1 32 08 87 39 3 32 37 87 18 3 32 26 87 14 11 32 40 85 55	510 73 7A 280 73 6P 6P 651 6A MID 261 8A 204 8A 340 66A	U. S. ENGINEERS U. S. ENGINEERS U. S. ENGINEERS U. S. ENGINEERS HARRY F. CARTER ALABAMA POWER CO. DR. T. H. GAILLARD O. MYRON HOLIPIELD MRS MARGARET SMITH ALABAMA POWER CO. U. S. ARMY AIR FORCES	3 5 3 5 3 3 3 4 3 4 3 4 3 2 3 5
ANNISTON WE AIRPORT ARLEY ASELAND ASHVILLE ATHENS AIMORE STATE FARM AUBURN AUBURN AUBURN SCS 10 AUTAUGAVILLE BARTON	0272 CALHOUN 0338 WINSTON 0369 CLAY 0377 ST. CLAIR 0390 LIMESTONE 0402 ESCAMBIA 0422 LEB 0427 LEB 0427 LEB 0440 AUTAUGA 0546 COLBERT	7 37 35 85 51 2 34 04 87 13 11 33 16 85 50 7 33 50 86 16 8 31 10 87 29 8 31 10 87 29 11 32 96 85 29 1 35 26 76 39 12 34 44 87 52	7A MRS. LESS MID HENRY L. 7A NORMAN R. 7A TVA-62	MC QUEEN 3 4 PRICKETT 3 ATE FARM 2 3 4 5 A 1, MOORE 2 3 5 6	MELVIN MERTZ 3 MILES E MIDMAY MILLERS MILLERY MILLESTEAD MITCHELL DAM MOBILE WB AIRPORT MOBILE WB CITY MONTE SANO	1351 CHOCTAW 51M2 E1FB 5397: BULLOCK 5417: WILCOX 5417: WASHINGTON 5455 CHILTON 5456 CHILTON 5478: WOBILE 5413: MOBILE 5413: MOBILE 5529: MADISON	4 32 04 85 32 1 32 05 87 22 13 31 38 88 19 11 32 27 85 54 7 32 48 84 27 9 30 41 88 12 9 30 42 88 02	7/ 8A 162 6P 6P 20+ 8A 356 6A MID MID 10 MID MID	JOHN R. LAND USFS USFS MATHEW W. HALL NORMAN D. WILLIAMS MARBIS M. BLOUNT I C CARR ALABAMA POWER CO 1 S WEATHER BUREAL U.S. WEATHER BUREAL TVA-530	3 3 3 4 3 CLOSED 4/27/49 3 3 2 3 4 5 2 3 4 5 3
BAY MINETTE BEATRICE BELGREEN BERRY BEXAR 2 WILES SE BILLINGSLEY SIRMINGHAM WB AIRPORT BIRMINGHAM WB CITY BISBOP BOAZ	0583 BALDWIN 0616 MONROE 0631 FRANKLIN 0748 FAYETTE 0790 MARION 0823 AUTAUGA 0831 JEFFERSON 0854 COLDERT 0957 MARSHALL	9140 54 87 47 268 1 31 44 87 11 12, 34 28 87 52 910 13134 12 88 09 1 32 40 86 43 2 31 34 86 45 40 12 11 32 86 50 694 12 14 39 88 05 470 2 34 13 86 10	7P 7P MRS.CARRI 7A TVA-42 7A MILFORD H	N 3 4 A R. OLIVE 3 4 ITEMBAD 3 4 . WELDON 3 . EER BUREAU 2 3 4 5 E B.HORTON 2 7 5 . DOOLEY 1 4	MONTEVALLO MONTGOMERY WB AIRPORT MONTGOMERY WB CITY MOULTON MUSCLE SHOALS NEW BROCKTON NEWBURG NEB MARKET NEWBURG NEB MARKET NEWTON ONEONTA	5537 SHELBY 5550 MONTGOMERY 5555 MONTGOMERY 5625 LAWRENCE 5749 COLBERT 5842 COFFEL 5847 FRANKLIN 5852 MADISON 5875 DALE 6121 BLOUNT	1 32 23 86 18 12 34 29 67 17 12 34 44 87 36 5 31 23 85 56 12 34 29 87 35 12 34 54 86 26 5 31 20 85 37 2 33 57 86 30	201 MID MID 630 MID 540 MID MID MID 660 7A 721 7A	M. P. JETER U.S.WEATHER BUREAU U.S.WEATHER BUREAU TVA-381 CAA E. EARL BOYETT TVA-644 TVA-624 FURN WYNN L. E. SELLERS	3 4 5 2 3 4 5 2 3 4 5 3 4 2 3 5 3 4 3 5 3 4 3 5 3 5
BRANTLEY BRENTON 3 MILES SSE BRIDGEPORT 2 MILES W BRUNDINGE CALERA CAMEDELL CARBON EILL CENTER GROVE CENTER STAR CENTREVILLE	1069 CRENSHAW 1084 ESCAMBIA 1099 JACKSON 1178 PIKE 1288 SHELBY 1315 CLAREE 1377 WALKER 1492 MORGAN 1492 LAUDERDALE 1520 BIBB	6 11 35 M6 16 284 31 04 87 03 85 12 44 56 86 44 660 5 31 43 85 49 315 7 33 08 86 45 500 11 31 55 47 59 2 11 54 87 18 48 12 44 21 86 48 780 4 52 57 87 08 230	8A R. E. BEN 6A 6A MRS. CLAR 5P MISS M.LO 8A GEO. L. H 8A ZEMMA P. MID E. DOUGLA 7A MISS MARY 7A N.S DEPT. 7A TVA-521 6P 7A W D HOL	BOLCOMBE 3 S REID 3 4 C. RAY 3 INTERIOR 3	ORNYLLE OZAKA DAIN BOCK FALMERBALE PERRYVILIE PETEMAN PICKENSYILLE PINE BILL PINE LEVEL PLANTERSVILLE	6161 DALLAS 6218 DALE 6218 DACKSON 6246 JEFFERSON 6362 PERRY 6370 MONROE 6410 WILCOX 6460 WILCOX 6460 MONTGOMERY 6508 DALLAS	12 34 40, 86 20 3 33 44 86 39 3 32 37 87 08 1 31 35 87 16 03 33 13 88 46	**************************************	LDWARD B. WARREN MRS. MARY E. SCOTT TV4-69 ROBERT P. STORES MRS. GERTRUDE GREIN MRS. DORA I. CLAY FIDELIA LYLES C. W. ADAMS O. R. BARNES	3 5 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
CHILDERSBURG CITROMELLE CLANTON CLAYTON COFFEE SPRINGS COLLINSVILLE COLUMBIA CORDOVA CUBA DADEVILLE	1615 TALLADEGA 1685 MOBILE 1694 CHILTON 1725 BARBOUR 1807 GENEVA 1849 De KALB 1849 De KALB 1846 MOLISTON 1940 MALKER 2079 SUMTER 2119 TALLAPOOSA	7 37 17 Mr. 21 54n 9 31 05 8R 21 311 10 10 10 10 10 10	6A ALABAMA P 6P 6P 8. 0 JON 7A 7A HTGH M S 7A LEWAND E 9A C. 5 ADR 7A MRS S C 8A COY THOUGH 6P 8A MRS C. 7A REGIBEN P 8A DR. W B	ES 2 3 5 1 MPSON 2 3 5 1 POPE 4 1 JON 3 UNNINGHAM 3 SON 4 RESHAM 2 5	PLEASANT HILL PRATTYILLE PRIMEOSE FARM PUSHMATAHA RED BAY REFORM RIVER FALLS 2 MILES NE ROBERTSDALE 7 WILES E ROCK MILLS	6526 DALLAS 6640 AUTAUGA 6684 MONTCOMERY 6719 CHOCTAW 6605 FRANKLIN 6847 PICKENS 6937 COVINGTON 6942 COVINGTON 6888 BALDWIN 7025 RANDOLPH	1 32 20 86 15 13 32 12 88 21 12 34 27 88 09 13 33 23 88 01 6 31 21 86 12 6 31 23 86 33 9 30 33 87 36	281 6P 6P 180 900M 627	CHARLES M. BENRY CONTINENTAL GIN CO. W. E. ELSBERRY MRS. JANIE C. BROWN TVA-493 W. M. MC DONALD JOHN R. BRADLEY ALABAMA ELECTRIC CO CARL BOSECK JAMES B. BAILEY	2 3 5 3 3
DADEVILLE NO 2 DANCY DANVILLE DAYTON DECATUR DECATUR NO 4 DECATUR SUBSTATION DEMOPOLIS DOTHAN CAA AIRPORT ELBA	2124 HALLAPOSA 2141 PICKEYS 2149 BORGAN 2148 MATEMOD 2217 BORGAN 2221 MORGAN 2221 MORGAN 2221 MORGAN 2232 HORGAN 2372 HOTELE	11 22 56 85 46 13 33 01 88 17 207 18 34 25 87 04 595 13 30 21 87 39 17 86 58 573 1 31 17 86 58 58 87 18 32 11 57 57 1 106 51 51 17 86 57 1 106 51 51 17 86 57 1 106 51 51 17 86 57 1 106 51 17 86 57 1 106 51 18 57 51 106 51 18 57 51 106 51 18 57 51 106 51 1 28 57 51 106 51 28 57 51 106 51 28 57 51 107 51 107 51 107 51 107 51 107 51 107 51 107 51 107 51 107 51 107 51 107 51 107 51 51 107 51 51 107 51 51 107 51 51 107 51 51 107 51 51 107 51 51 107 51 51 107 51 51 107 51 51 107 51 51 107 51 51 107 51 51 107 51 51 107 51 51 51 51 51 51 51 51 51 51 51 51 51	MID LAW D. LA TP E F SMI TA TVA 503 TP TT JAMES M. 6P AMES. FREE 8A TVA-611 TA J. A. ROB MID MID CAA 8A DOZIER B.	CREWS 5 A TRIMBLE 2 5 ERTSON 2	SAINT BERNARD SAND WIN.STATE FARM AP SAYRE SCOTTSBORO SUBSTATION SEALE 7 WILES WHM SELMA SHEFFIELD TVA NRSY SHOEMARER SPRINGS SLOCOMB	7137 CULLMAN 7207 DE KALB 7202 JEFFERSON 7304 JACKSON 7310 JACKSON 7328 RUSSELL 7366 DALLAS 7415 COLBERT 7406 LIMESTONE 7576 GENEVA	2 33 43186 58 12 31 41 86 02 12 4 41 87 01 4 32 18 85 17 1 32 25 87 00 12 34 46 87 42 12 34 51 87 12 5 31 06 85 35	.195 1 304 / 660 7P 7P 666 7A 358 8A 147 6P 7A 610 7A	FR. FREDERICK SMITH ALA. POLY.INSTITUTE DORA R. WEBSTER MRS. KINZIE BOBO TVA-758 B. G. BUSH JOHN O. RHODES TVA-49 TVA-682 PATRICK H. SMITH	
ELROD EDFAULA EUTAW LOCK NO 7 EVERGREEN FAIRHOPE FALKVILLE FALLS CITY 6 MILES NW FARLEY FAYETTE FLAT ROCK	2432 TUSCALOOSA 2727 BARBOUR 2742 GREENE 2754 CONECUB 2414 BALDWIN 2844 MORGAN 2848 MINSTON 2848 FAYETTE 2948 JACKSON	13 3 1 15 87 48 4 4 31 57 95 08 254 2 32 47 87 50 6 11 26 86 58 340 6 10 12 34 04 87 20 12 34 16 86 34 67 50 12 34 16 86 34 67 50 12 34 46 85 41 1380	MID SP HAROLD F. 7A TVA-384 7A USFS 8A TVA-57	MAUGANS 2 4 5 BROOK 3 4 E D.GOLSON 2 3 5	SMITHSONIA SNOW BILL SOUTH BILL SOUTH BILL SWAIN SWAIN SYLACAUGA SYLVANIA TALLAINGA TALLAINGA TALLAOUGA HORN MIN. TOWN TROMASVILLE	75-90 LAUDERDALE 70-20 WILCOX 77-31 DE KALB 777-31 MOBILE 779-31 JACKSON 790-4 TALLADEGA 80,7 DE KALB 8024 13-14 LADEGA 817-8 CLARKE	1 32 00,87 01 12 34 24 86 02 9 30 42 88 10 12 34 53 86 13 7 33 10 86 13 12 34 34 85 49 1 7 33 26 86 06 33 18 86 04 1 13 31 55 87 45	225 74 990 78 175 9A 9A 665 7A 548 8A 400 7A 554 6P 6F 919	TVA-583 MRS. EVA R. RAY TVA-75 HAMLIN H. TIPPINS TVA-3N5 ALABAMA POWER CO. TVA-3N6 CC. [WEAVER DESTEN MRS. MINNIE DEATON	CLOSED 4/1/49 3 3 2 3 5 3 3 3 2 3 5 3 3 2 3 5 3 5
FLORENCE AT LOCK FORT DEPOSIT FORT MORGAN FORT PAYME FRISCO CITY GAINESVILLE GARDEN CITY GENEVA GOODMATER	29.76 LAUDERDALE 3024 LOWNDES 3035 BALT DWIN 3043 IF KALB 3105 MONROE 3151 ETIWAH 3160 SUMPTER 3200 CVLIMAN 3255 GENEVA 3399 COOSA	12 34 47 47 40 450 6 31 59 8n 15 520 9 30 14 84 61 7 3 4 2h 85 43 8 79 8 31 26 47 24 7 34 01 8h 00 12 34 00 8h 44 53 10 28 55 2 107 7 33 04 86 03 826	7A 7A G, ERNEST 7A FRANK J 8A MRS. G M 7A 7A REBECCA C	A MCKENZIF 4 FIELDS 3 C KENZIF 4 A POCKENZIF 2 C KENZIF 4 A POCKENZIF 2 5 A TELEDS 3 C KENZIF 4 AMPRELI 2 5	THORSBY 1 MILE SW THURLOW DAM THIBBLE 2 MILES S TONES TRAFFORE TROY TUSCALOOSA AIRPORT TUSCALOOSA LOCK & DAM TUSKEGEE UNION SPRINGS	8204 CHILTON 8215 ELMORE 8223 WASHINGTON 8289 MADISON 8285 JEFFERSON 8323 PIKE 8380 TUSCALOOSA 8375 TUSCALOOSA 8398 WACON 8438 BULLOCK	13 31 20 88 15 12 34 54 86 44 2 33 49 86 44 10 31 49 85 58 2 33 14 87 35 2 33 13 87 35 11 32 24 85 42	226 8A 750 MID 7A 590 8A 8A 170 MID MID 152 7A 459 5P 3P 485 6P 8A	ALABAMA POWER CO. HATTIE T. GIVENS TVA-506 MRS. M. JOHNSON THOMAS J. DILLARD CAA U. S. ENGINEERS W. T. THOMPSON MRS. DOROTHY SMITH	3 4 3 3 4 3 4 5 2 3 4 5 2 3 6 5 3 2 3 5 2 3 5
CORCAS GRENSBORO GREENVILLE GRENVILLE NO 2 GULF SHORES 2 MI SSE GUNTERSVILLE GUNTERSVILLE CTY WATER GUNTERSVILLE DAM HALEVYILLE RAMILTOF	3430 WALLER 3511 HALF 3519 PUTLER 3524 BUTLER 3559 BALDWIN 3573 MARSHALL 3573 MARSHALL 3583 MARSHALL 3562 MINSTON 3644 MARION	2 33 38 87 13 300 2 32 42 87 36 220 6 31 56 86 38 444 6 31 50 86 38 9 30 11 87 40 10 12 34 21 86 18 640 12 34 22 86 17 61 12 34 22 86 17 61 2 34 18 87 38 97 13 34 08 87 59 498	7A TVA-70 7A TVA-70 7A ELMER L. 6A REX COOPE	OELLNITZ 2 3 5 LEWIS 2 3 5 R PLANT 3 4 E PARK 3 G CLOSED 1/27/49 3 4 SHIPMAN 2 3 4 5	WALLACE WALNUT GROVE WATERLOO WEST BLOCTON	8446 PERRY	2 33 12,87 33 7 34 34 85 36 1 3 33 10.87 13 13 33 45 88 07 11 33 08 85 34 6 31 13 87 13 2 34 04 86 19 12 34 55 88 04 3 33 07 87 07	225 MID MID 031 8P 8P 7A 180 640 6A 850 7A 445 6P 8A	MISS MARY MARTIN DR. P. H. MITCHELL MRS. CARRIE DALBY WM. F. VANCE G. C. MOORE, JR. ALABAMA POWER CO. BOWARD PETTIS MRS.FLORENCE PARKER J. ELLIE THREET RUPERT M. BEARDEN	2 3 4 5 2 3 5 3 4 3 4 3 3 3 3
HARRISBURG 6 MILES SE HAYNEVILLE BELENA BIGHLAND HOME BIGHTOWER RODGES HUNTSVILLE SUBSTATION HUNTSVILLE HYTOP JACKSON SHOALS	3697 PERRY 3748 LOWNDES 374 SHPLBY 3816 CRENSHAW 3842 CLEBYRNE 4090 MADISON 4094 MADISON 4094 JACKSON 4198 TALLADEGA	3 32 48 87 11 600 1 32 11 86 35 1 416 6 31 57 86 19 594 11 33 32 85 24 13 394 20 87 56 12 34 44 86 35 611 12 34 42 86 35 611 12 34 44 86 35 650 7 35 32 86 12 475	SA ALABAMA D	NGLAND 3 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	WETUMPKA WHATLEY WHEELER DAM WILSON DAM WINSIELD 2 MILES SW YATES HYDRO PLANT YOUNGS STORE NEW STATIONS	8859 ELMORE 8867 CLARKE 8875 LAWRENCE 8890 COLDERT 8998 FAYETTE 9103 ELMORE 9350 LAUDERDALE	13 31 39 87 43 12 34 47 87 21 12 34 48 87 37 13 33 56 87 49 11 32 34 85 54 12 34 57 87 54	580 7A 530 6A 468 7A 335 6A 840 7A	ALABAMA POWER CO. TVA-621	3 3 3 3 3
JACKSONVILLE JORDAN DAN LA PAYETTE LAY DAM LEESBURG LIVINGSTON LOCKINGT LOCK N: 1 LOCK NO 2	4209 CALHOLN 4306 ELMORE 4502 CHAMPERS 4603 CHOSA 4609 JEPFERSON 4619 JEPFERSON 4619 CHEROKE 4794 SUNTER 4820 COUNCTON 4835 CHOCTAN	7 33 49 85 45 290 11 32 78 61 52 48 830 17 32 78 86 31 40 12 33 78 86 31 636 72 34 18 52 48 830 18 32 15 88 11 160 64 18 18 82 29 13 31 33 88 01 11 33 32 68 88 02 23	MIT FLOX E. 06 6A ALABAMA P 6P 6P CLARENCE 6A ALABAMA P 8A MSS MARY 7A REFIS W 6P 6P PR6F F J 8A 8A R C YOU 7A I S ENG 7A V S ENG	OWER CO. 3 H.FINCHER 2 5 OWHP CO. 3 LEF 3 SEWELL 3 MIRPHEY 2 3 5 NG 2 3 5	CRATON PLEASANT GROVE SCHOOL	1566 WASHINGTON 6521 JACKSON	13 31 28 88 15 12 34 57 85 55	8A 8A 7A	REV. MACK JONES TVA-695	2 3 5 3

1 -ALABAMA, 2-BLACK WARRIOR; 3-CARABA; 4-CRATTABOOCHEE; 5-CHOCTAVHATCHEE; 6-CONECUR; 7-COOSA; 8-ESCAMBIA; 9-GULF; 10-PEA; 11-TALLAPOOSA; 12-TENNESSEE; 13-TOMBIGHEE

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a State. Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperatures in *P, precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.

Amounts in Table 4 are from recording gages. Traces are not shown

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

- No record.
 And also on later dates.
 And also on later dates.
 Anount included in following measurement, time distribution unknown.
 Gage is equipped with a windshield.
 Gage is equipped with a windshield.
 Anount included in following measurement, time distribution unknown.
 Gage is equipped with a windshield.
 Where the control of the control of the control of the control of the control of the control of the control of the control of the control of sowfall wholly or partly estimated, using a ratio of linch water equivalent to every 10 inches of new snowfall.
 One or more days of record missing; see Table 5 for detailed daily record.
 Station equipped with recording gage only. All amounts in Table 3 are for non-recording gages, except for stations with this reference.
 Trace, an amount too small to measure.
 Includes total for previous month.

 Bourly amounts from recording gage at the same site may be found in Table 4.

 Bourly amounts from recording super the same site may be found in Table 4.

Subscription Price: 15 cents per copy; \$1.50 a year (Yearly subscription includes Annual Summary). Correspondence regarding subscriptions should be addressed to the Westber Records Processing Center, 430 Post Office Building, Chattanogas 2, Tennessee.

- 86 -

SEE PAGE 83 POR CORRECTIONS W.R.P.C., Chattanooga, Tennessee --- 8/23/49 --- 1175

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CLIMATOLOGICAL DATA

ALABAMA

JULY 1949

Volume LV No. 7



ALABAMA - JULY, 1949

A. R. Long, Section Director - Montgomery

General Summary

The local distribution of rain this month was ragged as usual, and sectional differences were great, so that some northern areas had around 2 inches during the month and the southern half of the two coastal counties had an average of near 18 inches. Monthly totals considerably above normal were recorded at nearly all stations in south Alabama east of the Alabama River. Since good rains fell late in June, no serious local droughts occurred in the north where the fall was light during July.

A period of scattered showers at the end of June ended on the 1st of July in the north and on the 3d in the south. Only isolated showers were reported then for a few days until the 9th when scattered rains re-appeared, followed by an unusually wet spell running through the 17th, except frequent showers continued in the south until the 24th. In the north there was little precipitation after the 18th, except a few scattered showers from the 22d to the 24th. It wers were, however, frequent in the immediate coastal area throughout almost the entire month. At Mobile Airport, 12.00 inches of precipitation fell in a 9 day period from the 9th to the 17th, while at Spring Hill, 12.20 inches fell in the same period. There was a total of 14.66 inches measured from the 15th to the 23d at Fort Morgan.

It was somewhat warmer than normal during the periods of light rainfall, and a few stations had 100 maxima during the last 2 days, but otherwise temperatures were moderate for the time of year. The air was rather humid much of the time.

The weather of the month was not unfavorable for most crops. The frequent showers, along with a rank stalk growth, promoted boll weevil activity in cotton over much of the State, and since it was difficult to use poisons on account of rain, damage to the crop was heavy. Grassy fields were a serious problem until toward the end of the month when good progress was made cultivating late crops and preparing the land for fall crops. Considerable hay was saved during the last week. Pasturage this summer has been unusually abundant.

Lightning killed 2 men, Zora Linton, and his son, Eland, on their farm a mile and a half from Glenwood as they sought shelter from a thundershower under a tree, on the afternoon of the 5th.

No accounts were received of any violent wind storms, and no floods occurred in any of the major streams.

FCP

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages—mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25 D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

ALABAMA JULY 1949

	Sea lev	el pressu	e extremes—11	ches		Wind spe	ed-m. p. h.		Relativ	e humidity	averages—	percent	Sunshine	
Station	Highest	Date	Lowest	Date	Average	Maximum	Direction of maximum	Date of maximum	1:30 a. E.S.T.	7:30 a. E.S. T.	1:30 p. E.S.T.	7:30 p. E. S. T.	Percent of possible	Degree days
ANNISTON WB AIRPORT	30.26	24	29.84	14	4.1	- ma	-	1 -	94	92	62	74	1 -	0
BIRMINGHAM WE AIRPORT	30.28	24	29.83	14	6.2	33	SE	23	89	87	61	66	1 48	0
MOBILE WB CITY	30.22†	24	29.86†	31	8.5	38	NW	11	93†	93†	70†	82†	1 46	0
MONTGOMERY WB CITY	30.26†	24	29.85†	14	5.8	25	SE	22	91†	90†	62†	74†	59	0
† AIRPORT DATA							1.	1						

. . . .

COMPARATIVE DATA

Table 1							001.11		1111	DITTI							
		l'emperature	•	Precipi	tation			Temperatur	9	Precipi	itation			Temperatur	е	Precip	itation
Year	Average	Highest	Lowest	Average	No. of days .01 or more	Year	Average	Highest	Lowest	Average	No. of days	Year	Average	Highest	Lowest	Average	No. of days 01 or more
1884 1885 1886 1887 1838	80.9 80.8 79.4 81.0 81.5	104 103 100 102 100	54 48 54 64	5.84 4.06 4.06 7.66 3.26	11 13 9 12 7	1909 1910 1911 1912 1913	80.0 78.6 78.0 79.8 81.1	101 100 102 102 106	50 55 50 56 51	4.54 7.14 5.66 5.15 5.00	9 14 12 12 12	1934 1935 1936 1937 1938	81.8 81.3 81.8 80.0 80.4	106 103 107 101	60 60 60 49	6.55 4.77 7.21 4.47 7.54	12 11 12 9
1889 1890 1891 1892 1893	80.3 80.0 78.2 78.6 82.0	100 105 102 102 103	62 60 46 58 60	6.23 5.70 6.02 8.93 3.53	12 9 10 17 8	1914 1915 1916 1917 1918	81.6 80.4 78.5 79.6 78.1	107 105 99 101 104	56 52 59 54 48	4.17 5.24 16.69 6.04 3.87	8 8 17 13 8	1939 1940 1941 1942 1943	80.9 78.7 80.6 81.0 82.0	105 101 100 104 104	58 54 57 57 60	4.82 8.46 7.97 4.83 4.72	11 15 16 11
1894 1895 1896 1897 1898	78.7 80.1 81.0 81.2 80.0	103 102 105 105 103	56 56 50 50 51	5.00 5.00 5.31 4.78 6.07	12 12 8 10 14	1919 1920 1921 1922 1923	79.6 79.5 81.4 79.9 78.5	102 99 103 100 101	56 57 59 53 48	6.64 5.28 5.17 4.39 5.23	12 10 12 9	1944 1945 1946 1947 1948	80.1 80.3 79.4 77.7 81.1	105 102 99 100 104	49 56 59 41 57	4.21 5.75 6.99 3.48 6.23	10 12 14 7 11
1899 1900 1901 1902 1903	80.4 79.9 82.3 82.8 80.1	103 102 108 109 102	52 56 56 53 54	6.82 4.89 3.41 2.51 4.02	10 11 7 7 9	1924 1925 1926 1927 1928	79.9 81.7 79.2 80.3 80.6	103 106 104 105 101	49 54 49 55 60	3.55 4.89 6.13 4.03 5.11	7 10 11 9	1949 Period	80.8	101	64 41	6.71 5.56	
1904 1905 1906 1907 1908	78.5 79.6 79.0 81.0 80.0	103 103 100 104 103	54 55 55 56 56	4.88 4.54 8.29 5.04 4.80	11 10 14 10 12	1929 1930 1931 1932 1933	79.9 83.7 81.8 82.9 79.4	99 111 104 105 105	58 50 58 54 52	3.78 3.96 5.83 4.85 7.46	9 8 12 11						

				Tempera	ture								Precipitat	ion				
		Ī					No. o	í days					Sno	w, Sleet, H	ail	N	o. of da	ys
Station	Average	Departure from normal	Highest	Date	Lowest	Date	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground	Date	.01 or more	.25 or more	1.00 or more
NORTHERN DIVISION														-		-		1
ANNISTON WB AIRPORT BIRMINGHAM WB AIRPORT BIRMINGHAM WB CITY CORDOVA DECATUR	80.2 81.1 81.7 82.2M 81.5	1.7 1.3 1.5 2.9 1.2	98 96 97 98 95	29 8+ 27 9+ 8+	66 69 68	24 20 20 20	18 17 23 28 20		2.52 2.98 4.27 4.62 2.43	- 2.66 - 2.19 - 0.90 - 0.93 - 1.92	0.79 1.33 1.39 1.42 1.04	-12 16 17 12 13				9 12 13 10 11	4 3 4 7 2	1 1 1 1 1 1
FAYETTE GADSDEN GOODWATER HALEYVILLE HUNTSVILLE	81.0 80.7 79.9 79.3 80.4	0.7 0.1 -	98 100 96 92 95	11 30 30 9+ 27+	66 65 67 68 66	20 24 24+ 23+ 31	23 21 16 8 17		0.39 2.18 5.45 7.06 2.29	- 5.26 - 3.01 - 0.71 - 2.40	0.14 0.86 1.20 1.97 0.90	26 17 16 14 6				7 10 13 13 13	3 6 9 3	1 2
LOCK NO 4 MADISON MUSCLE SHOALS ONEONTA ROCK MILLS	80.9M 79.5 80.9 80.6 80.5	0.9 - 0.3 1.3 3.2	98 96 97 98 100	29 5+ 30 30 29+	65 65 68 65 66	17+ 24 17 24 22+	24 23 18 21 22		1.12 7.92 5.94 3.50 4.74	- 4.13 3.30 1.32 - 2.91 - 1.41	2.34 3.47 2.00 1.16	6 17 17 17				6 16 12 7 12	6 4 8	3 1 1 1
SAINT BERNARD SCOTTSBORO TALLADEGA TUSCALOOSA AIRPORT UNIVERSITY	79.3M 80.8 81.8 82.5 82.1	1.1 2.5 1.7 1.1 0.7	95 97 99 99	7+ 29 27 29+ 6+	65 67 67 68 69	24 20+ 29 20 20	18 23 23 28 28		6.51 3.83 2.47 2.60 2.38	1.19 - 1.14 - 2.89 - 2.89 - 3.11	2.20 1.10 0.70 0.79 0.60	12 17 23 15 15				12 12 9 14 10	6 5 3 3 5	3
VALLEY HEAD	78.5	1.2	95	29+	64	27	12		3.60	3.59	0.87	16	1	I		6	5	
DIVISION MIDDLE DIVISION	80.7	I			I	1	1	İ	3.75									
ALEXANDER CITY 6 MILES NE AUBURN CENTREVILLE CLANTON DAYTON	79.8 79.4M 81.0 81.7	0.9	97 99 98 96	30 10+ 30+ 10+	66 65 68 69	23+ 24 20 19+	18 24 20 23		6.69 6.23 7.54 5.34	2.89	3.72 1.76 - 2.20 0.90	15 16 16 16				13 16 14 17	9	2
EUFAULA GREENSBORO GREENVILLE HIGHLAND HOME LA FAYETTE	82.1 82.1 81.0 79.9 79.5M	1.3 1.5 1.1 - 0.1	101 98 97 95 96	6 9+ 30 30 29+	68 70 69 67 66	24 2+ 17+ 4 23	21 24 17 16 19		5.67 5.26 10.27 8.41 10.78	- 0.49 - 0.01 4.38 2.54	1.61 1.89 2.26 1.60 2.89	30 2 3 23 15				16 12 15 15 15	7 3 9 9	1 2 3 3
LIVINGSTON MAXWELL FIELD MONTGOMERY WB AIRPORT MONTGOMERY WB CITY PRATTVILLE	81.5 82.7 81.8 81.6 81.9	0.3	97 98 98 98 98	10 30 29+ 29+ 30	70 71 70 70 69	19+ 24 2+ 24 25	19 22 19 17 22		5.70 8.74 6.93 9.00 5.62	0.25 - 4.14 0.17	1.32 4.68 1.41 3.58 1.48	1 15 15 15 15				14 14 15 16	6 6 10 7 6	1 2 2 2
PUSHMATAHA SELMA THOMASVILLE TROY TUSKEGEE	80.4 81.3M 81.1 80.7 79.6	- 0.2 - 0.3 0.2 0.1 - 1.3	95 95 97 98 96	1+ 29+ 7 31 29+	68 70 69 68 66	20+ 4+ 20+ 24+ 22+	14 14 20 18 20		4.75 5.78 9.17 6.43 10.49	- 1.10 0.66 3.15 0.73 5.67	1.62 2.52 1.68	16 23 31				9 14 12 15 21	8 11 6	2 3
UNION SPRINGS WETUMPKA	80.1W 81.8	- 1.0	96	29+	66 70	24 25	20		7.87 9.14	2.82	2.53	18 16				13 11	6	3
DIVISION SOUTHERN DIVISION	81.0	1							7.42	,								
ANDALUSIA ATMORE STATE FARM BAY MINETTE BREWTON 3 MILES SSE CITROWELLE	80.7 81.9 80.2 80.6 80.2	- 0.3 - 0.5 - 0.7	96 99 96 98 95	31 7 30 30 9	69 70 69 67 70	4+ 16+ 20 20+ 3	16 20 16 18		6.27 7.65 11.12 11.88 6.00	2.72 5.03 -1.47	1.10 1.85 1.86 1.92 1.36	16 12 23 12 3				15 17 22 18 13	9 13 15 7	1 4 4 1
DOTHAN CAA AIRPORT EVERGREEN FAIRHOPE FORT MORGAN FRISCO CITY	81.0 80.8 80.4 81.4M 80.9	0.1	99 96 95 93 100	30 30 9+ 29 31	68 65 69 70 69	3+ 2 1+ 22 20+	20 22 17		9.38 9.18 18.19 17.40 10.41	3.46 3.08 9.86 - 4.41	2.36 1.68 3.12 4.83 1.95	15 16 23 22 16				20 13 20 12 16	12 9 12 9 14	3 4 7 3 2
GENEVA LOCKHART MOBILE WB AIRPORT MOBILE WB CITY OZARK	81.0 80.0 80.4 81.9 80.5	0.5	99 98 95 96 97	31 31 30 29 30	67 65 69 72 67	19+ 23 17 3+ 24	24 16 15 18 18		6.04 10.75 19.29 18.35 8.53	0.04 - 11.46 2.37	0.89 1.18 2.87 2.52 2.36	18 6 3 15 16				18 18 23 22 16	11 14 15 17	2 7 9 1
ROBERTSDALE 7 MILES E SPRING HILL	79.6	0.3	94 97	29+ 10	69 68	20+	12 19		17.23 21.27	7.71	2.67 4.19	23 13				22	14 13	5 8
DIVISION	80.7	1 1		[A]		1		1	12.29									
STATE	80.8	0.5							6.71	1.15								

Table 3		7																														JUL	LABAMA 7 1949
Station		1	2	3	4	5	6	2	8	9	10	11	l e	13	14	Day 15	of m	onth 17	18	19	20	21	22	23	24	25	26	27	25	29	30	31	Total
ABMF - Least	a R		1	42.5		-	.13 43			, ,	1.5	2 10	2 72	1.	75	.92	95	1.32	.11	.51	.08		28	. 75	21.1			U8					9 1 7
ALLOWS . A CARM ALLOWS . A CRARM ALLOWS		,1	32		1_					0.5	.3>	1.1			1.00		0		82 •				12	.42	-u.,	1 70			1 00		su		13 0 13 1 53
ALBERTYTHE I WI ALBEANNER II WI ALTERVILLE ANDALUSIA ANNISTON WB AIRPORT		.05		.37		-11	.42		T	.19	T	.30	.51	.30	.88 .07 2.30 .86	.04 3.72 .56	.1% .56 .94 1.10	. 25	1,55 .02 .64	.02	1	.14	.16	.42	.10	1			. 25		T		6.69 4.54 6.27 2.52
ARLEY ASHLAND ASHVILLE ATHENS ATMORE STATE FARM	//R Z	.57	. 24	.13	.16					, 58	.21		.28	.76	. 23 . 24 . 78 1. 37	.22 2.06 2.35 .35	1.08	.05 1.58 .80 .20	.16	.02	.02	.02	.04	.12 .03 .22 T	.28	.07	.19				.05		2.86 6.79 6.25 4.35
AUBURN AUBURN SCS 10 AUTAUGAVILLE BARTON RAY MINETTE	R	.08		.19	,16		. 22		.12	2,00	.44 .65 .86	.20 .45	.06	.92		.27	1.76 .52 .90 .12	.25	1.28 .66 1.40	.19	.07	.02	.56	.47	.32		.18			.62	.93	.12	7.65 6.23 6.36 6.30 2.39
BEATRICE BELGREEW BERRY BEXAR 2 MILES SE BILLINGSLEY	R R	.02	1.53	.58	.42		1.32	.74		. 22	.95	.90 .21	.32	.03	.14	.65	1.88	.20	.03	.19		.50	.48	.16	.51	.30	,12	.05	.01	. 26	.06	1	7.93 2.18 3.45 3.05
BIRMINGHAM WE APT BIRMINGHAM WE CITY BISHOP BOAZ BRANTLY	Z	. 56	. 32	T	.03	.01	.11	T . 20	.17	. 53	.03 .19 .22	.14 .11 .30	.07 .11 2.20	T T .43	.07 T	.15		.24	.85 T T	.31	.12			.14	T .78 .20	.05				T .23	.09	.31	5.56 2.98 4.27 4.50 4.60
BREWTON 3 MILES SSE BRIDGEPORT 2 MI W BRUNDIDGE CALERA CARBON HILL		. 30	.41 .55 T	. 54	1,38	. 20	.81 .04 .54	.45	.33	.05	1.73 .07 .55	.35 T	.30 .61	2.25	1.08 .70 T	.30 .97 .33	1.73 1.30 .24 1.42 1.26	.90 .30 1.39 .53	.05 .10 .49 .66	.52	.30	.55	.10 .20 T	.84 1.51 T	.58 .44 .71 .10	T	.47	т	.35 T	т		,691	1,59 1,88 7,48 6,24 8,22
CENTER GROVE CENTREVILLE CHILDERSBURG CITEONELLE CLANTON		. 82	.11	.07	.19		.22	.05			.20	.30	2.00 .42	.44	.42		1.80 1.60	.19 .79 .50	.05	. 201	.30 T	T	т	.42	.70	т .76	.05		.07	.17		.24	6.85 7.96 - 3.09
CLAYTON COFFEE SPRINGS COLLINSVILLE COLUMBIA CORDOVA		2.53	09	. 26	-	-	.46	-	- T	.10	.13	- 1,11	T .41	T	.90	.01	.60 .60 .81	.81	.43 .63 -	T -	.08 T	.03	.40	.02 .27 .29	.51	T .45						1.42	6.42
CUBA DADEVILLE DADEVILLE DANCY DANCY DANVILLE	R	.37 T	.06	.13 .69 .13	.02	.03	.10	.02		1.15	.12	.07	.08	.82	.70	. 58	.18 1.38 3.85 1	.85 .44 .32 .06	.43		.01	. 24	.48 .01 .14	.29 .07 .28 .66	.21	.84			.16	.10		6500	9.43 6.62 5.81 0.21 0.22
DAYTON DECATUR DECATUR NO 4 DECATUR SUBSTATION DEMOPOLIS		.03 .12 .12 .02	.05	. 42	T		.02		.38		.03 .15	.02 .19 .18	.03	.81 .10 1.04 .99	.15 .27 .54 .55	.48 .53 .08 T	.90	. 58	T T	.38	.17 T	.09	.38	.17	.15	.61	Т	.41	.10			1 2 2 2	5.28 1.72 5.34 2.43 2.37
DOTHAN CAA AIRPORT ELBA ELROD EUFAULA EUFAULA	Z	.06	.51 .79 .38 .20 .03	.12		. 96	.94	т	.06		.37	1.23 T	1.03 1.02 .15	.49	.71	2.36 .34 2.00	.38	.37 .43 .74 .98	.10	. 20	.04	.74 .45 .05	.28	.18 .45 .90 1	.17	.01 T		.02	Т		.32	.18 9	,54 ,60
EVERGREN FAIRHOPE FALLS CITY 6 MI NW FARLEY	2	1.15		.39	.48 .06 .20		.51	.08		1	.45	T .17		1.73 2 .85	.58	.03	.60 1 1.68 1 .46 1		.15 .20 .04		.11	.40	.84	.05	.13 T	.18	.01	.17	.01 .12 .01	.74	1.61	9 1.8	.67 .57 .18
PAYETTE FLAT ROCK FLORENCE AT LOCK FORT DEPOSIT	R	.13	.09	.09	.98		.20				.38	2.19	.20 T .64 .70	.60 T .17	.11	.04 .28	.30 1	.31	.03	r .12		.37			.03	.04	.14		.02	.11	.11 T	.09 2	.39 .18
FORT PAYNE FRISCO CITY GABIDEN GARNESVILLE GARNES CITY	Z	.43	.59	.35	.58 .04			.98		.38	T	т	.91 .36 1.40 .10	.03 .54 .43	.09	.99	.48 4 .26 1 .95		.20 .78 .04 7		.89	.03	. 63 3			.10	.08	.24	.36			3 10 2	.76 .40 .67 .41
GENPVA GOODMATER GORLAS GREENSBORO GREENVILLE			.02	.75 T	.20		.48	.36			.25	.04	.64 .16 1.42	.15	.26	.13	.63	.30	.89	16	.53	.01	1.	49	.36 .85	.05	The same of the sa	.11	.31	.03		T 6	.17 .04 .04 .45
GREENVILLE NO 2 GULF SHORES 2 MI SEE GUNTIEWHILE DAW HALEVVILLE	R	.87	3.10 3.42 .23 .86	.42	.72	.55	.68	.49	.10		.15 .46	.71	2.90	L.17 .44	571	.50 1	.96 .02 52 1.	. 28 . 18	.29	03		.01	.59 . .37	94	.06	.03			.01		.40	10	.26 .27 .30
HAMILTON HANNEVILLE HELENAND HONE HIGHTONER	Z	.16	.10	. 42	.15	. 0.8		.00			. 09	.01	.45 .04 .28 .23	.47 1 .00 1 .18	.97 .30	.35	.42	15 42 61	. 13	01 T	.44	12	30 1.	43	11 1	.07			.37			3.	.06 .63 .50
HOINE, THE SUBJECT BUNITY THE STREET		T	.15	_	.10		.13 1	. 87 . 01		.18	.02	.42 .20 .12 .01	.25 1 .04 .37	.10	. 46 . 60 . 32	.71 .03 1	.02	29 03 1	.05		.08		08	56 04 .	05 7		.05			. 23	.45	1. 3.	21
JACKSONVILLE JORIAN CAM LA EAVELTE	B	.14	.80	.11	.14	.10	.06			.37 1.	. 59	.18	.10 1.56 .04 .18	.50	64 1 20 41 2	.63 .63 .89 1	.71 .87 .17	45 42 1. 40 78	10 1.	58 .	86		03 09 . 48 .	14	20	01						.08 1.	87 82 87 78
LEFFIURG LIVEWESTON LOCKEARS LOCK NO 2 LOCK NO 3	1	1.32	.73 T .69	.68	.75			.30			35	. 14 T	.14 .81 .46	.10 .	08	. 10 . 04 . 60 . 51	.17 . .21 . .91 . .78 . .73 .	92 . 62 . 18 65 .	06 T	12	23 10 . 37 T	19 .	09 . 67 1.	03 . 05 . 04 . 12 .	80 06 33 95 T	69			.18 .24 .48 .	33	T	3. 5. 10.	96 14 70 75 66
LOCK NO 4 LOCK NO 17 MAGETHA	R	.03 .17 .68	.06	.05			.28	14	.01	.02 1.	12	. 57 . 01 1 . 30	.13 .16 .03 .37	.41 .	50 03	.12	03 60 37 1	93 79 08 .	01, .4	31			12 .	06	16	09				04)	37	1. 2. 7. 6.	23 12 59 92 91
	z	.18	.03 1	.13 .10 .36		.13	.45	7			50 1	41 2	. 43 . 05 . 13 T	.02	17	13	22 38 99 1	63 .	20 28 1.6 20 .8	18 .0	T	10.	81	14 .1	17 .	55			41			20 3. 6. 5. 4. 03 8.	53 70 28 69 74

See reference autes! Howing Station Index

ALABAMA

Part	Table 3-Continued											<i></i>	di ded			_																	JULY	1949
Part	Station		L.,		,						,			,,					- 1														, .	otai
Second column			1	2	3	4	5	6	7	8	9	10	-		13	+				18	19	20	21			24	25	26	27	28	29	30		
STOTION STORY 1	MILLERS PERRY MILSTEAD MITCHELL DAM				.60 1.43 .51						2.47	.10	.31	.08 .10 1.65	.16	1.72 .06	.23	2.18 2.44 .99	1.10	1.40	1.82	.27		. 16 T	.46 .42 .05	.02		т	. 61	.14	. 07			7.06 9.37 8,16
The second column	MONTE SANO MONTEVALLO MONTGOMERY WB APT		.03 T	. 46	03			.31	.19	.46		.20	1.90	.15 .33	.35	. 26	.07 .48	. 50	.36 .10	, 05 T	. 69	т	, 04	.45	. 50	T 1.42	. 34	T	Т		1.23		.09	3.60 3.03 6.93
STATE STATE	MUSCLE SHOALS NEW BROCKTON NEWBURG	B	-	-	-	-	-	, 55		-		-	-	- 1	.47	2.27	.69	-	.11	-	T -	-	.22	.31			.02		.10 T					5,94
Part Life 1	ONEONTA ORRVILLE OZARK	R		.77	1.10	1		80.				, 70	,12	.14		.35	.97	2.36	2.00	.18		1.95	.03		. 33	.06		.15	-	.74			, 39	3.50 8.53
PLANTSTILLE	PERRYVILLE PFTERMAN PICKENSVILLE	R		.65			.62			.02		.12	.12	2.38	1.20		.13 1.37	.98	.29	.15	.12	.35		,28						.81	.14			4.45 8.33 5.60
PASSANTAME	PLANTERSVILLE PLEASANT GROVE SCH PLEASANT HILL	R	. 34	-	1 4 C	-	.10	.40	. 93	-		_	.08	, 40 T	1,45	2.52	. 20	1.40	.68	. 40	Т		.10	.15	.05	.20	-	-	-,07	-	-	-		5,53
ROCT MILLS 38	PUSHMATAHA RED BAY RIVER FALLS		.83	, 33	.70	т	.04		.13	.01			, 51	T 2.48 1.26	.09	T	,30	1.62		. 39		.16	T	.68	.32	.09	. 40 T	.55	, 19	.36	.80		.09	4.75 4.58 10.55
SCOTTSBOOK SINSTAN 5.56	ROCK MILLS SAINT BERNARD SAND MIN STA FRM AP		.38	.03		,15	. 55	1,29	.02		.13		. 11	2.20	.06 1.71 .35	. 40	.31	1.20	1.16 .25 2.30	.93	.10		.77		.04	.30			.95		.19			4.74 6.51 5.57
NOTE SILL 1.05	SCOTTSBORO SUBSTA SEALE 7 MILES WNW SELMA			, 58		٠			.07	т		• T		.02	.58	.05			.42		8.07 T	.32				T	. 60		.19				.10	3.48 10.58 5.78
SYLVANIA 1.16 1.03 1.11 1.05 1.10 1.05 1.	SLOCOMB SNOW HILL SOUTH HILL		.84	.99						т		1.02	1.19	.21	.09 .02 .82	. 55	.13	1.08 .78 .59	1.15	.45	.08			.92	.34	.28	.03	.09			т			9,91 2,75 6,25
THORSEY IN ILLE SW R 03 1.08 1.21 8.2 1.11 6.9 .33 .03 .48 .38 1.6	SYLACAUGA SYLVANIA TALLADEGA		.39	.16		1.03	.03	.11	.15		.30		.02	.48	1.10		.19 .64	1.06 .12 .68	1.03	.12	. 20	.36 T		. 50	.70 T			,24					.18	4.54 3.74 2.47
TUSCALOOSA AIRPORT 104 24 0.1 05 .11 79 .53 .02 T T .02 .04 .06 .32 .13 2.60 .15 3.68 TUSKEDES 1.84 .14 .08 .04 .02 .10 .19 .17 .11 .03 .30 * 4.92 1.03 .12 .22 T .12 .58 .16 .08 .12 .16 .06 .16 .3.68 TUSKEDES 1.84 .14 .08 .04 .02 .35 T .29 .11 T .13 .30 .0* 4.92 1.03 .12 .22 T .12 .58 .16 .08 .12 .16 .08 .240 .40 .240 .49 .24	THORSBY 1 MILE SW THURLOW DAM TONEY	R	,16	.28	-	-	-		.37	.03	1.08	.0G	1.57	1.17	.82	.07	1.11	.69 2.19	.33	. 80	.49				.38	.16								7.04 5.50 4.42
UNIVERSITY VALLEY HEAD .20 .20 .25 .30 .60 .40 .60 .63 .60 .63 .60 .60 .60 .60 .60 .60 .60 .60 .60 .60	TUSCALOOSA AIRPORT TUSCALOOSA LCK DAM TUSKEGEE	Z	1.84	.04	.02		.04	.24	. ОЗ		.10		.32	.05	.11	.12	.79	.53 .15 4.92	.02 .55 1.03	T .12	T .22	T	.02	.04	.06	.32	.06		. 13	.16			,24	2.60 3.68 10.49
WALLICE .38 1.27 .24 .38 .18 1.45 .75 .70 .60 .40 .20 .21 1.42 .62 .15 1.500.45 .40 .70 .70 .70 .70 .70 .70 .70 .70 .70 .7	UNIVERSITY VALLEY HEAD VANCE	R	.03	.06	. 28	. 34	_	. 20	_	_	_	. 52	.03		, 59		. 60	.40	.03			.11	,13	, 30		.63							1	4.23 2.38 3.60 6.55
WHATLEY 0.7 .06 .61 .03 1.40 .22 .10 .46 .84 .73 1.29 .01 .06 1.42 .14 .78 .09 .12 8.43 WILSON DAM .67 .32 .03 .14 T .66 .14 .73 T .18 .12 .35 .53 T .86 T .4.73 WILSON DAM .26 .30 .59 .41 .22 T T .03 1.33 .22 .08 .09 4.83 WILSON DAM .26 .30 .21 .29 .01 .16 .04 .43 .10 1.24 VATES HYDRO PLANT .55 .17 .60 2.13 .98 .98 .73 .05 .29 .28 .02 6.78	WALLACE WALNUT GROVE WATERLOO		.19	.38	1.27	-					. 43	.15	.43		.38	.22		. 60	2.25	.20	.21							,62		.15			1,50	4.07 9.37 3.29
	WHATLEY WHEELER DAM WILSON DAM		. 67	.06		,61		. 24	.03		.03	.14		1.40	.22	.73	.46 T	.84	.73	1.29	.35	T	.01			.53	.14 T	.86	T .09	.78	.09		.12	8,43
	YATES HYDRO PLANT YOUNGS STORE		. 26		. 55					3.52		.15	1,00	3,12	1.82	.17	, 60	2.13	, 98	. 98 . 87	. 73 . 50	.05	. 29		. 28	.02		.08					.15	6.78 11.75

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ATMORE STATE FARM BELGREEN															. 03						.02				ı
BERRY BEXAR 2 MILES SE																			1	•		.01	. 41	.01	
AMPBELL OTHAN CAA AIRPORT LAT ROCK	-	-		_	_	-	-	-	-	-	-		-	_	_	-	-	.02	. 03	.01	-	-	. 09	. 04	
ORT MORGAN // ORT PAYNE	,																		.01	.02			09	,01	
ALEYVILLE OCK NO 1 //														, 05						.11			.01	.01	
OBILE WB AIRPORT 6 OBILE WB CITY															٠	*	.12	.31	.60		٠	*	*	*	
ONTGOMERY WB AIRPORT 6 USCLE SHOALS 6	.10																								
EW BROCKTON AINT ROCK	-	-	-	1	-	-	-	-	-	-	-	-	.11	.33	-	-	-	-	-	-	-	.40	-	-	
LEASANT BILL IVER FALLS 2 MILES NE TRNON					_			_	_		_			_	.02	_	_	_		_					
annon			_		_								-					_		_			_		
BBEVILLE												-2	d-				.01	.01							
MORE STATE FARM													.14	.01				1.53)
EXAR 2 MILES SE ADEVILLE NO 2	1													.01	.01		. 39	.02		.01			.01	.01	
THAN CAA AIRPORT								4.0		.15	.30	.01		.10	.10	. 04	.01		.01	. 05				.01	1
ORT NORGAN // REENVILLE NO 2	. 20							.11	.30		. 04		.03		2.60	.02	. 15	.05	,			.01		.24	3
UNTERSVILLE REC ALEYVILLE AY DAM	. 20												.06						16	.01					
OCE NO 1 // AGNOLIA							,							. 09	.21	.11	.03		1 . 10	,01					
ARION 1 MILE SSE	1												1.05	.08		.02	.07								1
OBILE WB AIRPORT 6	.07											. 83				.09				* .01	٠	.07		*	1
ONTGOMERY WB AIRPORT 6 ONTGOMERY WB CITY														*	*	.41	.22	.06	.41	*	*	*	*	*	
ISCLE SHOALS 6	. 25																								
TTERMAN VER FALLS 2 MILES NE				1									.02	.32	. 28	.04	.01		. 01						
HORSBY 1 MILE SW ROY USCALOOSA AIR PORT 6								-	-	-	-	-	-		.33	. 04	-	-	. 04	-	-	-	-	-	
John Marions												-3	.1						.04						
DDISON												-3	a-	.01				.01	.01						
NNISTON WB AIRPORT 6 SHLAND //		*	٠	*	٠	*	.05	.01						٠	*	*	*	*	.32						
TMORE STATE FARM EXAR 2 MILES SE					.01	.01	.15	.02		.03				.02			.02	.16							
ADEVILLE NO 2 UTAW LOCK NO 7	0.7			1		.02		. 02		.01		.01	.04	.11	.01									1	
ORT MORGAN // ARDEN CITY REENVILLE NO 2	.01										.34	.41		.01	.04	.01		.01		.23	. 02		.01	.01	
ALEYVILLE ACESONVILLE											.11	. 41		.13					. 53					.01	-
OCK NO 1 // AGNOLIA				.01	.01	.12	.01	.37	.09	.16	.01		.01	.08	.03										
OBILE WB AIRPORT 6 OBILE WB CITY	.21	*	.02	.01		.04	.96	.24	*	*	.39	* .79	.01	.04	.01	*	*	٠	.37						1
ONTGOMERY WB AIRPORT ONTGOMERY WB CITY	. 05													. 05	*	*	*	*	. 03						
ETERMAN RAFFORD									. 03	.06	.01	. 01	.01					.01	.01	.01					
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ORT MORGAN // OCK NO 1 //		.01	L	1								-11	111							14	.01				
ook no z //												_								, 14	.01				
BBEVILLS												- 5	th-					. 26							
IRMINGHAM WB CITY OAZ											.01		.01		.05			.01							
ADEVILLE NO 2 OTHAN CAA AIRPORT	1												.07	.03											
REENVILLE NO 2 ACKSONVILLE AY DAM																.50	. 03	.02			. 04		. 05	.01	1
AY DAM AGNOLIA ARION 1 MILE SSE	3									.03	.02					.02		02							
ONTGOMERY WB AIRPORT 6 ONTGOMERY WB CITY														٠	4	.07		.03	. 03						
ETERMAN IVER PALLS 2 MILES NE																		.55	. 04	.02	.01				
RORSBY 1 MILE SW	-	-	-	-	-	-	-							.05					. 01	.09	.02				
												-6	h-												
BBEVILLE												.03					0.0				6.7			0.	,
DDISON ELGREEN UTAW LOCK NO 7													15	00			, 38	. 03	. 11		.01			.01	
ORT PAYNE ARDEN CITY					1.13	.03							. 15	.02	.13	.01	.82	.06	. 02						1
ALEYVILLE UNTSVILLE 6					-, 10	.00							.02		.13	.01			.31	.65	.02		.01		ľ
OBILE WB AIRPORT 6 OBILE WB CITY														٠	0	. 29	. 02	٠	.02						
USCLE SHOALS 6 AINT ROCK														.05	*	0		۰	. 55						
ETERMAN			.18																						

Station						A. 1	M. Ho	our er	ding											P. 1	M. H	our en	ding						
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HUNTSVILLE 6 MOBILE WB CITY RIVER FALLS 2 MILES NE		٠	٠			*	*	. 0	1						t			06	11	.08	. 03	2			J				. 1
														-8	3th-	_			. 17%		.00	3			1				1 .13
GREENVILLE NO 2 MAGNOLIA MOBILE WB CITY	.18	3								. ()6	.04					02												.10
MONTGOMERY WB AIRPORT 6 PETERMAN RIVER FALLS 2 MILES NE									*	*	1	*	*	*	1 .4	6							. (02					.03
THORSBY 1 MILE SW TROY										*		.01	*	*								, 02	2 . (ł				.01
ADDISON								ı						-6	th-	_													t T
ANNISTON WB AIRPORT 6 ASHLAND //									*	*		k	*	*	.0:	1 *	*				*	.80)1 .	01				.82
BERRY BIRMINGHAM WB CITY BOAZ														.01	.1	1 .0	7 .:	25			.07		. 1	4 .		05	.01		.58
DADEVILLE NO 2 GARDEN CITY JACKSONVILLE															1.13	3 .0	1		01	15	.86	.01						.01	1.15
MOBILE WB AIRPORT 6 MONTGOMERY WB CITY MOULTON														.45		*	*	*	01		*	2.47							.37
MUSCLE SHOALS 6 THORSBY 1 MILE SW						89	.07								.10	*	*	*)1 .	01	*	.03							.45
APPAGGA														-10)th-	_				01									1.08
ADDISON ASHLAND // ATMORE STATE FARM										. 0	1 .	01		.12		.0	1								İ				.14
AUBURN SCS 10 BERRY BIRMINGHAM WB CITY			. 03												.09			. 5	. 88	07 03		.06	. 23	3 .0	1).0)1			.84
BOAZ EUTAW LOCK NO 7 GREENVILLE NO 2			, 00			01			.01					.01	.04	. 2	5	. 0	2										.03
GUNTERSVILLE REC HUNTSVILLE 6 JACKSONVILLE													.01			. 04	4 *	. 0	. 11		.02	.02	. 0:	3	1			- 1	.15
LAY DAM MAGNOLIA		. 54	. 22										*	*	*	*	. 3		. (01		.02			L			1	1.59
MARION 1 MILE SSE MIDWAY MOBILE WB AIRPORT 6										*			*	*	* .03	*		*	*		.13	.09	*	*	*		•	* .	.02
MOBILE WB CITY MUSCLE SHOALS 6 PAINT ROCK													70		.03	. 20	*	*		,	*	.02						1	.20
PETERMAN RIVER FALLS 2 MILES NE THORSBY 1 MILE SW											. 0	10	.70	.09	.01				. 2	0:0	.04	.02	. 02		1				.70 .12 .28
TONEY TRAFFORD TRCY	.01													. 49	.35	. 65	.0		8 .0	12	.01							1	1.21
TUSCALOOSA AIRPORT 6 UNIVERSITY															*	*	*	*	*	*	*	*	*	*	* *	*		*	*
														-11	th-								. 41	. 05		1 .	.01	.01	.55
ABBEVILLE ADDISON ANNISTON WB AIRPORT 6															.01			١.				. 02	.01	1.13	1.2	6 .	.01	.01	2.46
ASHLAND // ATMORE STATE FARM AUBURN SCS 10															1.00	.08	.03	. 0	4 .1			.06	٠	*	.0	1		*	1.11
BELGREEN BEXAR 2 MILES SE BIRMINGHAM WB CITY																		. 40	0. 0					. 01				.21	.45
BOAZ DADEVILLE NO 2 DOTHAN CAA AIRPORT															.11	.01		.05			.02	.02	.01						.14
EUTAW LOCK NO 7 FORT PAYNE							7									.05	. 60	.01	. 0		1	.01	.09	. 07	.14	٠.	06	. 03	.05 1.20 .05
GARDEN CITY GREENVILLE NO 2 HALEYVILLE																	.01		. 3	8.0.	05	.07	.01	. 02			01		.41 .60 .71
HUNTSVILLE 6 JACKSONVILLE LAY DAM	.01														4.0	-	.33		.2			.01							.25
LOCK NO 1 // MAGNOLIA MARION 1 MILE SSE															.40	.37 .03 1.03	.91	. 05	. 2		01 06 01	.03	.01						.83 1.30 1.40
MIDWAY MOBILE WB AIRPORT 6 MOBILE WB CITY						•	К		*		. 50	0 *		.64	.62	.01	.07	.04	*	*	ш	.66	. 05					1 }	2.94
MONTGOMERY WB AIRPORT 6 MONTGOMERY WB CITY MUSCLE SHOALS 6																*	, 03	.90	. 63		01	.03	*	*	*		*	1	1.57
PETERMAN RIVER FALLS 2 MILES NE			.01	.01												*	.10	* .10	. 20	* .:	12	.04	.04	* .01	*	*	*		. 20
TONEY FRAFFORD FROY				*		*								1	*		. 04	.23	. 02	. (03		.11	.06 .92 .03	.01	. 1	11 .	01 04 1	.34
TUSCALOOSA AIRPORT 6	. 24										,	·		- 0		*	•	1,39					*	*		٠	*	, 1	,39
ADDISON ANNISTON WB AIRPORT 6	.02							. 13	. 08	.14	1.18	2	22		.01				.01					. 25	. 63	0	1	9	.72
ATMORE STATE FARM AUBURN SCS 10 BELGREEN					.01			.01	.02	A	*	1.1		*		*	*	*	.06	28	1 .	.78		. 20	, 03	, 0		1	.47
BERRY BEXAR 2 MILES SE	.17							04	04	01	. 07	. 0		.01					.09	. 0		0.5						1	.06 .32 .15
BIRMINGHAM WB CITY						. 0)5 .	61	01					.01							1	. 05							.07

See reference notes following Station Index. $\label{eq:Gaussian} \mathsf{G4} \ \, \text{.}$

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Station	-				47		AN	И Но	om et	nding	-									P. M	. Hou	n enc	ding					
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BOAZ DOTHAN CAA AIRPORT												01 .	01	-	01 .	04()1	-				. 06	.2	7 . (0.2			
FLAT ROCK FORT MORGAN // PORT PAYNE				. 0:	2 .	01	. 05	. 22	. 2	5 .2	20 .	13 .	02	01	1	34 .(- 1	06 .	87	.05	.02			.0	1	. 0:	3
GARDEN CITY GUNTERSVILLE REC					u.				. 03	3						01						. 15		. (06 .0		. 0:	2
HALEYVILLE HUNTSVILLE 6		01	.05	.0	5 .6		01	.02	. 01	.1	3 .1	7	01 #				8 1.					.11	.10		10 .0	1 .0	17 01	2
JACKSONVILLE LAY DAM LOCK NO 1 //									. 02			1 7		1.		33 * 98 .0	1 .(įt.	. 02					1 .01	1 1
MARION 1 MILE SSE MOBILE WB AIRPORT 6	H,	09									0	1		03	18 .		3 .		7 .0)1								2
MOBILE WE CITY MONTGOMERY WE AIRPORT 6		10								. 0	1	.1	. 11	16	1.9	6												
MONTGOMERY WB CITY MUSCLE SHOALS 6 PAINT ROCK		34 *	.01						.02						1		*				i	.36			i			ı
RIVER FALLS 2 MILES NE	. (03	01		.0		02				4			11 .		. 0:		1	. 0			. 30		.3	8 .48	3	.02	2 1
TRAFFORD TUSCALOOSA AIRPORT 6		05 *		*					.01	.04	4 .0	1), 8)2 .	.4	T	.0	1 .0	9	٠	07							1
DDCVIII														-1	3th	-												
ABBEVILLE ADDISON ATMORE STATE FARM								.01	.01			.0	9 .3	1 .(1 .02	. 0	1 .0										
ELGREEN												.0			8 .0			.0		9								
EXAR 2 MILES SE OAZ ADEVILLE NG 2	. 0	1							.01	.01		1			.0	.33	.0	4							.01	. 05		
OTHAN CAA AIRPORT	.1	0	04	. 03								. 0	2 .3	6 .0			.0		. 84	٠. ا	01				.03			
ORT MORGAN //	.0		U-R	.03	1										1			. 1		. ()2 .	.01						
REENVILLE NO 2 ALEYVILLE UNTSVILLE 6																. 49		.01	. 01	0	2 .	14						1
NY DAM OCK NO 1 //		*		•		*	•		. 15	05						*	*	*				05 40	.14	.01	1 02		1.06	1
AGNOLIA ARION I MILE SSE DWAY								02	.03	. 05	.01		.0	1 .0	. 04	.68	. 03							.01	.03	.01		1
BILE WB AIRPORT 6										*	*		*	*	.82	101			*	.0		05 05						
INTGOMERY WB AIRPORT 6		*	4			*			.02	#	.01	. 04	*1	101	.03	.05	.24	*	*			02	.02		*	*	*	
ULTON SCLE SHOALS 6 TERMAN									.05	*	*		*		. 45		.02	1.	*	*					.01	.01	.18	
VER FALLS 2 MILES NE ORSBY 1 MILE SW								- 11				.01			.50	.02	.01		.01		-	02						
DNEY LA FFORD LOY								П						. 04				.31	.01	. 01	8		.04					
USCALOOSA AIRPORT 6																*	*	*		.0:	3	10 4	ŧ	*	.17	.02		
BEVILLE															lth-	-											,	
DDISON HLAND // MORE STATE FARM							. 0	7 .	14	.16	.11	.18	.04		.01	.01												
BURN SCS 10 LGREEN				05	.05	.24	. 0	3 .	02	.01			. 12	.12			.10										.07	-
RRY XAR 2 MILES SE RMINGHAM WB CITY	.01			п		.17	.1	6 .	12	.09		.01		.06	.01		.01						10	. 03		.01		
DEVILLE NO 2 FHAN CAA AIRPORT												,01		.17	.02	.02		.01	.01	07						.07		
AT ROCK					.10	. 03					.08	.01	. 01	.01	.01			,0,	.01	.01								
RT PAYNE LDEN CITY FTERSVILLE REC								J.			.06	.53	.08	.03	.01													
TSVILLE 6	.10	.01	(1	.01	.10	.35	5 . 2	24		.02															0.7	.03	
CKSONVILLE DAM CK NO 1 //							. 04		08		.01		*	*	.08					.01	. 0:	2 .(07 .	.03		.01	.05	1.0
WAY ILE WB AIRPORT 6	.02		. 0	1	. 01	. 05	. 02	5		.01	.01		.13	.06		.06	ĺ							İ				. (
ILE WB CITY TGOMERY WB AIRPORT 6	.01					. 81	. 22		70 4	.35	.12	.03	*	*			*				.18	8					,	1.8
TGOMERY WB CITY LTON CLE SHOALS 6	.64	.01	. 0	2				. 1				.14		~	.14	.02	*	.10		*	.12	2					1	
NT ROCK ERMAN					. 02	. 02	15	.0	10	.02	.04	.01	.01	*	.01						1							. 8
ER PALLS 2 MILES NE	.31	.20			.29	.01	. 10		, ,	.35	.15	. 05	.32	.15	.01													.7
FFORD				1		.10	. 03	.0	1		1			.01	.13	.01	İ							1		07		.5
7	. 01										1			10	1		1										-	. 1
Y	.01					0.5	. 01							-15		.16	.24	07	03	0.1			20	001			,	
Y CALOOSA AIRPORT 6	.01					.07					07.1	.01	.01	.01	.01			.03	.03	101	. 04			00	.01			. 9
Y CALOOSA AIRPORT 6 SEVILLE DISON HISTON WB AIRPORT 6 LLAND //	.01		٠					. 0	08 =	97	.01		*	*			-	-	*	*	.01							
CALOOSA AIRPORT 6 SEVILLE DISON HISTON WE AIRPORT 6 HIAND // HORE STATE FARM HURN SCS 10		a	٠					. 0		87	.27	.03	.04	.08	.09	.01			.02	*	. 01						2	.0
CCALOOSA AIRPORT 6 DEVILLE DISON WISSON WB AIRPORT 6 WILLAND // WORE STATE PARM WINN SCS 10 GREEN MINGRAM WB CITY EVILLE NO 2	.01		٠					. 4	11 .	87	.27		.04	.08	.09 .03 .37	.01 .01 .08				.14	.01						.20 1	.1
CCALOOSA AIRPORT 6 BEVILLE DISON WISZON WB AIRPORT 6 HIAND // WORE STATE PARM BURN SCS 10 GREEN MINGRAM WB CITY BEVILLE NO 2 HAN CAA AIRPORT		.01	٠			.14		. 4	11 .	30	.27	.03	.04	.08 .03 .10	.09 .03 .37	.01 .01 .08	.01	.11	. 25	.14	.01	. 0)1				.20 1	.00
NEFORD MY MICALOUSA AIRPORT 6 BEVILLE DISON NISZON WB AIRPORT 6 HLAND // WORE STATE FARM SURN SCS 10 GREEN UNINGHAM WB CITY DEVILLE NO 2 HLAN CAA AIRPORT TAW LOCK NO 7 IT ROCK IT MORGAN // DEN CITY ENVILLE NO 2		.01	۰	1.	.01	.14	.11	0	11 .	87	.73	.03	.04	.08	.09	.01 .01 .08	.01	.11	. 25					03			.20 1	. 02 . 11 . 40 . 02 . 11 . 63 . 32 . 11 . 28

See reference notes following Station Index. - 95 -

0					A. 1	M. Hou	ır endi	ng									P. 1	M. Hot	ır endi	ing				
Station	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
HUNTSVILLE 6 JACKSONVILLE LAY DAM LOCK NO 1 // MAGNOLIA		.01	.86	.50	. 25				.01	.03	.01	.03	.02	.01	.06	.15	.01	.01	.01	*	*	*	*	*
MARION 1 MILE SSE MIDWAY MOBILE WB AIRPORT 6 MOBILE WB CITY		*	*	*	*	**	. 05	*	*	* .29	*	.01 .42 *	.02 .18 .51 .78	.06 .05 *	.01 .14 *	.07 .15 *	.05	.01 *	.48	*	*	*	*	*
MONTGOMERY WB AIRPORT 6 MONTGOMERY WB CITY MOULTON PETERMAN RIVER FALLS 2 MILES NE							.03	*	*	.12	*	.25	.05	* .58	.75 .01	.93	* .15 .09	* .05 .04	.09	.01	*	*	*	*
THORSBY 1 MILE SW TRAFFORD TROY TUSCALOOSA AIRPORT 6			.41	.65	.01	*	. 55	*	.11	.86	.05 .01 *	.01 *	.01	.02 *	*	.02	.02	, 05	.01	.01	.01	.01	.01	
UNIVERSITY					.09	.38	.06		.01	.04		.01 -16	th-						1					
ABBEVILLE ADDISON				. 05	.21	.01	.01			.01		.01					. 27	.27	. 12	.01				
ANNISTON WB AIRPORT 6 ASHLAND // ATMORE STATE FARM AUBURN SCS 10 BELGREEN			.02				.15	.06	*	*	.33	.12	.02	*	* .24 .07 .62	.04	* .08 .03	*	.04					
BERRY BEXAR 2 MILES SE BIRMINGHAM WB CITY BOAZ	0.0			.01	, 08	.03		.01	0.0	10	0.5	.02				.02	.01	.02	.01	.02	.01	.40	.51	.20
DADEVILLE NO 2 DOTHAN CAA AIRPORT EUTAW LOCK NO 7 FLAT ROCK FORT MORGAN //	.08	.01	.01	.06	.19	.01	.08	1.34	.40	.10	.05	,01	.01	.24	.01 .01 .05	.04	.01	.03	.17	.03				
FORT PAYNE SARDEN CITY GREENVILLE NO 2 HALEYVILLE				.12	.02	.09	.02	.01		.01	.00	.46	.12	.09	.01	.02	.01	. 03	.08		.03	.03	.17	.01 .62
HUNTSVILLE 6 LAY DAM LOCK NO 1 //	.02	.01	.02	.01	.01	.01	.04	.14	.01			.55	.01	.03	.01	.03		.01						.06
MAGNOLIA MARION 1 MILE SSE MIDWAY MOBILE WB AIRPORT 6	.02		.02	.01	.01	.01	.07	.01	*	*	*	*	.01	.19	.06 .12 .13	.13	.08		.01	.01		.09	.06	
MOBILE WB CITY MONTGOMERY WB AIRPORT 6 MONTGOMERY WB CITY MUSCLE SHOALS 6	.02	.11 *	*	*	* ,04	* .14	.31	* .07	*	*	.25	.06	.04	.09 * .31	.01 *	*	*	*	.38					
PAINT ROCK PETERMAN ILVER FALLS 2 MILES NE PHORSBY 1 MILE SW		.42	.28	.01	.01							.23	.04	.24	.06	.05	.01	.01	.01	.02			,04	.03
CONEY FRAFFORD FROY FUSCALOOSA AIRPORT 6								*	*	*	*	*		*	*	.01	.60	.03	.01	*	*	.19	.80	.03
JNIVERSITY VERNON	-	-	-	-	-	-	-	-	.06	.07	-	-	-	.01	-	-			.16	. 04	.01	.04	.01	
ABBEVILLE ANNISTON WB AIRPORT 6		*	*	*	*	*	.06		. 56	.40		-17	th-	.01	.13	.01	*	*	.13	*	*	*		
ASHLAND // ATMORE STATE FARM AUBURN SCS 10 BERRY	*	*	*	*	.01	.01	.02			. 05	. 45 . 78	.32	.86	.48	.03	.01	.09	.10		.01				
BEXAR 2 MILES SE BIRMINGHAM WB CITY BOAZ DADEVILLE NO 2	.13	.02		.01										.01	.24	.01	.01	.08				į		
DOTHAN CAA AIRPORT EUTAW LOCK NO 7 FLAT ROCK FORT MORGAN //		.30	.09	.04	.04		.03	.01		1.90	.02	.01 .08 .01	.62	.02	.51	.01		. 79						.01
FORT PAYNE GARDEN CITY GREENVILLE NO 2 GUNTERSVILLE REC	.12	.22	.02		.01		1		.02	.15		.01	.01	.01	.02	.09	.01	.10	.02			j		
HALEYVILLE ACKSONVILLE ACKSONVILLE	.40	.01 * .01	.03	* .16	* .18		.03	.01	.04	.01		.49	.01	.01	.12	.03	. 02			.01			. 01	.01
LOCK NO 1 // MAGNOLIA MARION 1 MILE SSE MIDWAY			.03			.06	.04	.01	.02		.02	.53	.58	.12	.04	, 05	.02							
OBILE WB AIRPORT 6 OBILE WB CITY ONTGOMERY WB AIRPORT 6 ONTGOMERY WB CITY		*	*	*	*	.06	.28	*	* * .71	*	*	*	2.12 .25 .68	* .05 *	* .02 *	*	* . 25	*	.47					
USCLE SHOALS 6 AAINT ROCK PETERMAN HORSBY 1 MILE SW	.12	.01	,10	.04			.02	*	*	*	*	*	.01	.26	* .05 .02 .07	.01	.01	*	3.11					
TRAFFORD TROY TUSCALOOSA AIRPORT 6 UNIVERSITY	. 39	.02		.01	05	0.0	1	0.5	.10	.01	.01	.01	.45	.01	.01	.23	.25	.04				1		
VERNON				.01	. 05	.03	.06	. 85	.43	.02		-18	th-											
ABBEVILLE ANNISTON WB AIRPORT 6 ASHLAND // AUBURN SCS 10 BUILDEREN	.02						02	*	. 05	.04	.01	.01	.05		.13	.02	.01					.30	, 36	
BELGREEN BOAZ DADEVILLE NO 2 DOTHAN CAA AIRPORT						0.3	.03	10	.13	10	.02					.01			. 68	.31	.01	1		

See reference notes following Station Index.

HOURLY PRECIPITATION

Table 4-Continued	Ī	_				-			2 20		11 1.													JUL	Y 1949
Station		T			1	4. Hou	ır endi	ng			1					1		M. Hou		ng		1			Total
	1	2	3	4	5	6	7	8	9 ,	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
FORT PAYNE DAY DAM MIDWAY MOBILE WB AIRPORT 6 MOBILE WB CITY MUSCLE SHOALS 6 RIVER FALLS 2 MILES NE TROY					. 05			*	.01	.38	*	*	.01 .20 .05 .02	* .13 .06	*	*	*	*	. 84						.01 .05 .41 .14
ABBEVILLE ADDISON ASHLAND // BERRY BIRMINGHAM WB CITY DOTTAN CAA AIRPORT EUTAW LOCK NO 7 GUNTERSVILLE REC BALEYVILLE LAY DAM MAGNOLIA MARION 1 MILE SSE MONTGOMERY WB AIRPORT 6 PAINT ROCK THORSEY 1 MILE SW TOMST TUSCALOOSA 6 UNIVERSITY		*	*	*		.06	.02	.01			.01	-19	.50	.35	.01	.10	.07 .31 .17 .03 .04	.01	.13	.01	.03	.01			.51 .33 .02 .19 .31 .17 .09 .03 .36 .19 .18 .23
ABBEVILLE ASBLAND // ATMORE STATE FARM DOTHAN CAA AIRPORT EUTAW LOCK NO 7 FORT PAYNE LAY DAW MAGROLIA MIDWAY MOBILE WB AIRPORT 6											-	-20	.35	.02	.04	.01	01	.14	.01	*	*	*		*	.08 .02 .06 .01 .39 .03 .15 .05
MONTGOMERY WB CITY NEW BROCKTON PETERMAN RIVER PALLS 2 MILES NE TRORSBY 1 MILE SW TROY	-	-	-	-	-	-	-	-	-	-	.05	.04	.01		.15	.01	.01	.48							.02
ASHLAND // BOAZ DOTHAN CAA AIRPORT GREENVILLE NO 2 HUNTSVILLE 6 LOCK NO 1 // MOBILE WB AIRPORT 6 MOBILE WB CITY MONTGOMERY WB AIRPORT 6 MONTGOMERY WB CITY NEW BROCKTON PETERBAN RIVER FALLS 2 MILES NE TROY TUSCALOOSA AIRPORT 6 UNIVERSITY	.01	٠	*		* .02	* .15	.01	* .02	* .16	*	.01	-21 .35 .24 *	.05 .35 .10 .01	.01 .14 .01 * .04 .01 .28	.03 * .04 .01	.01	.03	.01	.04	.01	.01	**	٠	٠	.02 .04 .42 .52 .39 .67 .08 .22 .10 .10
ABBEVILLE ADDISON ASBLAND // ATMORE STATE FARM AUBURN SCS 10 BERRY BOAZ DADBVILLE NO 2 DOTHAN CAA AIRPORT FORT MORGAM // GARDEN CLTY GREENVILLE NO 2 GUNTERSVILLE REC BALETVILLE BUNNSVILLE 6 JACESONVILLE MAGNOLIA MARION 1 MILE SSE	.08		.08	.41		.01	.48	.22	.21	.06		.02	.21	.05	.19	.01 .56 * .09 .02 .01	* .04	.02 * 1.08 .01	.10 .01 * .01 .01	.02			.26	.48	.28 .12 .04 .35 .56 .48 1.09 .14 .23 .5.50 .03 .37 .71 .30
MIDWAY MOBILE WB AIRPORT 6 MOBILE WB CITY MONTGOMERY WB AIRPORT 6 MONTGOMERY WB CITY MEM BROCKTON PAINT ROCK PETERMAN RIVER FALLS 2 MILES NE TROY TUSCALOOSA AIRPORT 6 UNIVERSITY VERNON		٠	*		* .07	٠	.52	•	.01	*	* .01	.01	.03	.01 * .19 .27 .19	* .06 .01 .04	* .02 .01 .03 * .04	* .07 .01 * .26	*	.08	.11	.84		.01	*	.08 1.09 .09 .31 .10 .28 .63 .03
ABBEVILLE ADDISON ANNISTON WB AIRPORT 6 ASELAND // ATMORE STATE FARM ADBURN SCS 10 BELGREEN BEXAR 2 MILES SE BIRMINGRAM WB CITY BOAZ DADEVILLE NO 2 DOTHAN CAA AIRPORT	.05				.04	.01		.05		.01		las	.21	.42	â	.02	.05 * .10 .29	.01 * .01 .11 .15	.07 .08 .01	.34 * .01 .01 .50 .01	٠	.01	.01	.01	.78 .42 .03 .15 .21 .16 .32 .14 .98 .66

Station	-						u endı	ng r					- T	1			P 1	M Hou	ar end	ing	,			7	
	. I	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
UTAW LOCK NO 7 DRT MORGAN //	1 .33	. 25	. 7.8	1.11	. 26	.31	.34	.07	.12	.14	02		01	0.1		. 04	.03						_		-
RDEN CITY INTERSVILLE REC	1 ,00	.20	,10	1,11	.20	,01	104	.07	.17	.14	.02		.01	. 01			,05	.18	. 17	. 14		0.5	00		
NTSVILLE 6	1 .04																. 06	.18	.11		.41	.07	. 03		
CK NO 1 // GNOLIA				.04	.06	.18	.09		.01	.02	.01					12			.11						
RION 1 MILE SSE DWAY						.05						.09	07	07	0.1		.01	.01							
ILE WB AIRPORT 6	.10		.43		17	*	.32		8	. 05		*	.07	. 07	.01	.01	.18	.33							
NTGOMERY WB AIRPORT 6 NTGOMERY WB CITY	1 .02	.00		.01		. 101	- 2.1	.00	.00	. 00	.02			٠			*	٠.,	.50						
W BROCKTON INT ROCK				.01											. 63	.11	.02	.01	.01						
TERMAN VER FALLS 2 MILES NE	,		03.1	0.4	00									.18	. 06							.08			
ORSBY 1 MILE SW NEY			.01	.04	.02													. 05	. 30	.03					
OY SCALOOSA AIRPORT 6															.21							.11			
IVERSITY														*	.04	*		.02	. 06						
												-24t	h-												
BEVILLE NISTON WB AIRPORT 6	1.02																.02	.02							
XAR 2 MILES SE DEVILLE NO 2	.02					1					.01	0.7	.02	02	.02	.01									
FAW LOCK NO 7 SENVILLE NO 2	1 10							als.			.01	.01								. 05					
RION 1 MILE SSE		-	~)	7	-	*		*	~ 1	*		*	*	•		*			•		. 50	.01	*	*	
BILE WB AIRPORT 6 BILE WB CITY 'ERMAN														•	*	*	.03	*	. 04	*	*			*	
CALOOSA AIRPORT 6																*	+	.41	. 28	.17		*	*		
											-	25t	h-												
ORE STATE FARM												2101	1.1				. 04	-	-	-	-	-	-	-	
THAN CAA AIRPORT													10		.03	.07	.06	.30							
TERSVILLE REC													.10							.20					
SILE WB AIRPORT 6	.03		1			1		#	#	*	*	sk	.02			.12	.01								
RILE WB CITY											.34							.02							
NT ROCK ER FALLS 2 MILES NE	2.4												.03	.01	.02					.08					
CALOOSA AIRPORT 6	1.14																								
LTÓN							0.0				-	26tl	h-												
DI VII							.08																		
EVILLE											_	·27t]	h-		0.5			-							
AR 2 MILES SE														10	. 05		.01	. 03	.21	.01					
T MORGAN // K NO 1 // ILLE WB AIRPORT 6														.20	.08	.01									
LTON									,			. 1		4	*	.10	٠	*	.61						
BROCKTON ERMAN			- 3			1						*	.13	*	*	*	0	*							
ER FALLS 2 MILES NE EY CALOOSA AIRPORT 6													. 19	.73	.13										
VERSITY NON														*	*	*	٠	.07	.01						
NON															- 1			. 49	. 06						
AR 2 MILES SE											_	28tl	1-												
AW LOCK NO 7 ENVILLE NO 2	* 1															.14	.26	.01	. 71		.01				
K NO 1 // ILE WB AIRPORT 6				•	*		*	*	*	10.	*	.02		*	•	*	*		*	*	*	*	*	.41	
LTON NON													.04	, 05	*	*	.12	.10	. 12		*	٠	*	*	
NON			!												.14	.33	.02								
ILE WB AIRPORT 6	.39		1			1			* 1		. –	29tl							0.5						
ILE WB CITY	. 39		r			1		*	4 (*	*	* ·	. 01	•	*	*	.07 1	.16	. 05	4	*	*	*	•	
											_	30tl	1—												
AND // GREEN												0011		.01				•		. 05					
MINGHAM WB CITY HAN CAA AIRPORT			1			1			- 1		.09			.01							0.3	0.5	0.3	0.5	
F ROCK												.02 .	09								.21	. 03	. 01	. 05	
TSVILLE 6 ION 1 WILE SSE										*	ŵ	.40	45			40					0.0				
ILE WB AIRPORT 6	.01															.40					. 06				
	.10																		0.4			*		.56	1
EX HILE SW			1			1			1	.09	.01								.04	. 03	. 75				
											_	-31st													
EVILLE ORE STATE FALM									1			0191			. 03	.04			. 02					. 09	
URN SCS 10			_	-								-				•			-	. 20	-		~	-	
DRELL.	- 10		-	-	-	-	100		- 1	-		- -			-	-		. 43	. 22	-	-	-	-	-	
PBELL EVILLE NO 2																									
PBELL EVILLE NO 2 HAN CAA AIRPORT T PAYNE DAW															.01	.02		.09	.02	.01	. 02	.07		.01,	

See reference notes following Station Index. $- \ 98 \ \ \cdot$

Table 4-Continued	HOURLY	PRECIPITATION
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Station					A	M Ho	n enq	ling									P 1	M Hou	ır endi	ng					79
Station	1	2	3	4	5	6	7	8)	13	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
WOBILE WB CITY MONTGOMERY WB AIRPORT 6 MONTGOMERY WB AIRPORT 6 MONTGOMERY WB CITY NEW BROCKTON PETERMAN PETERMAN PETERMAN PETERMAN PITHORSPY 1 WILE SW TROY	_			_	-	-	_	-	-	400	-	.17	-	.02	• 55	.02	.02	,01 ,01 ,03	.01					-	1 12 91 07 04 .09 13 .70

DAILY TEMPERATURES

Table 5

					_			-	-							_																	
Station																Day	of mo	nth			-												rage
Diddoil		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	طم		28	29	30	31	Ave
ALBERTVILLE 1 MI S	MAX											71	72	72	72	72	72	72	68	69	69	69	68	69		67	65	60	70	71	67	68	-
ALEXANDER CTY 6 NE	MAX	91 69	89 68	91 68	93 69	91 73	92 73	94 68	95 70	92 71	90 72	89 71	89 73	87 74	86 73	82 71	81 71	82 71	86 69	88 68	87 67	89 69	91 67	មក ទី២	67	91 67	44 66	94 69	93 69	96 6.7	97 71	93 70	90 0 64 t
ANDALUSIA	MAX	94 71	90 71	82 71	88 69	93 75	94 72	90 73	92 73	94 74	94 74	93 73	93 73	87	88 72	85 72	84 71	86 72	87 70	86 72	90 70	87 71	85 71	87	58	88	96 70	91 70	89 73	92 73	95 74	71	71 7
ANNISTON WB AIRPORT	MAX	87 70	88 69	89 70	92 70	91 71	93 74	94 71	95 71	90 71	89 73	90 72	85 73	87 73	88 73	80 72	82 71	84 70	87 70	90 68	88 70	89 71	91 70	92 65	90 66	90 68	94 67	90 68	96 70	98 69	97 71	9.3 59	90 1 70 3
ATHORE STATE FARM	MAX	93 73	86 73	84 73	94 71	95 74	93 74	99 75	95 76	96 74	95 75	94 73	82 73	85 73	88 73	89 75	85 70	85 72	90 71	92 72	93 70	89 72	88 72	85 70	92	92 71	95 70	96 73	92 74	97 74	98 73	93 73	41 1 72 7
AUBURN	MAX	92 70	86 68	88 68	90 69	93 72	93 72	93 69	95 71	95 71	93 72	91 69	91 71	87	85 71		80 69	84 68	81 69	83 68	88 68	87 69	88 68	sur ten	91 65	67 67	6.7	9.1	92 69	68	7.1	98. 70	86 3 69 4
BAY MINETTE	MAX	92 72	84 72	82 71	92 71	92 73	93 72	94 74	92 73	95 74	90 75	93 70	83 70	84 74	85 73	84 72	83 72	82 70	89 71	90 71	90 69	84 72	80 71	70	87 72	*7 71	91 70	8.7 7.4	01 73	95 75	16 72	111 75	55 3 72 1
BIRMINGHAM WB APT	MAX	87 72	89 72	89 71	92 70	94 71	94	95 73	96 74	91 76	96 75	90 73	86 73	86 74	88 74	82 74	81	84 70	87 70	89 70	89 69	89 71	91 71	91 71	58 70	9.1 70	S 1	9.4 7.6	94	96 72	5to 73	92 72	71.9
BIRMINGHAM WB CITY	MAX	90 70	91 72	91 70	93 71	96 73	94 74	95 73	95 75	95 76	96 74	92 73	88 73	88 73	87 74	84 75	80 70	84 70	88 69	89 70	91 68	90 71	92 70	91 71	91 69	91	94	97 73	95 74	96 23	9.1 75	92	91 3 72 (
BREWTON 3 MILES SSE	MAX	92 71	85 72	84 71	95 68	91	92 68	94	94 72	95 71	95 74	94 72	86 75	38 73	87 72	88 71	h5 71	ho 70	91 69	92 71	89 67	85 71	87 67	58 69	8 G 7 Cl	68	42	45	92	97 71	98 72	70	% 5 70 7
CENTREVILLE	MAX	90	90	89	96	98	95	96	9.7	9ъ	99	97 76	78	93	92	82	82 70	85 72	90	87	45	Cyfri	93 75	90, 71	30	41	45	50.7	95	ra q	98	e3(92.4
CITRONELLE	MAX	92 72	86 73	75 70	91 73	92	93 74	93 74	92 75	95 75	91 77	91 74	81 73	83 74	85 73	83 74	80 73	83 72	89 72	88 71	91 71	89 77	84 72	80 72	71	86	87 71	89	87 74	59	92 75	85 7.2	87 1 73 f
CLANTON	MAX	94 71	87 70	90 70	89 69	94 74	94 72	92 72	94 74	93 74	91 75	92 72	90 72	88 74	90 73	91 74	88 70	84 70	82 69	88 71	90 68	88 69	88 70	9(60	30 20	1,0	αι. 70	92 72	72	93 72	95 71	ton 7	90 6 21 4
CORDOVA	MAX	90 70	92 75	91 75	94 70	95 73	95 70	96 72	97 71	98 74	98 73	95 74	90 74	90 73	89 74	90 73	81 73	85 70	90 72	93 74	90	91	92 69	91 ² 70	96	92	9.9 .76	91	45 68	9F 71	0 ₀	60	4.2 3 72 1
DAYTON	MAX	89	90 72	85 71	92 71	94 72	93 72	95 73	94 73	95 74	96 74	94 74	93 77	90 74	91 72	84 73	85 70	86 72	90 70	92 69	91 69	89 70	90 71	88 70	89 72	91 71	92 71	90 71	92 72	% 7*3	115	(x) /	91 2 72 2
DECATUR	MAX	89 72	89 73	90 73	92 73	92 75	92 76	94 74	95 76	95 77	94 75	90 74	81 75	81 73	86 73	89 73	80 72	83 71	88 72	90 72	92 7!	91 72	91 73	91 71	88	92 71	93 72	92	95 72	643 111	93 76	87	89.9 73.0
DOTHAN CAA AIRPORT	MAX	88	81 70	90 68	94 70	91 75	92	93 71	93 71	94 7 1	93 ¹	94 73	93	88	88 73	79 72	88 73	86 72	81 70	90 68	88 70	87 71	88 70	90 69	92 68	92 70	99	9° 72	91	4; 72	99i 23	95 72	 4 1 7 1 €
RUFAULA	MAX	88	88 72	92 70	92 71	95 74	101	99 75	93	92	95 74	92 74	92 74	84 74	85 73	84 74	87 72	84 72	84 73	89 70	90 72	92 70	89 69	90 75	68	93 70	45 75	95	145 7.1	72	7-1	α <u> </u> ; e	41 % 72 6
EVERGREEN	MAX	92 72	91 65	92 71	90 72	93 69	93 72	92 73	94	93 73	95 73	94 76	93 72	85 73	87 72	82 73	87 71	86 70	84 70	91 71	90 71	91 69	86 70	88 5,d	55 69	90	92	93	G():	717	73	41 71	71 .
FAIRHOPE	M/X MIN	92 69	87 71	86 71	92 71	93 75	94 72	93 72	93 74	95 74	91 73	94 72	87 73	86 72	85 72	84 73	88 71	81 70	90 69	92 70	91	89 69	80 70	83 60	86 71	88 60	9 į	25	99 89	α, ; ;	u ,	9.8	311 3
FAYETTE	MAX	94	91 71	90 69	90 70	94 69	94 71	95 70	95 71	96 74	94 72	98 72	96 74	87 73	89 73	86 74	89 72	78 70	85 72	87 68	94 66	93 70	92 69	93 68	91	80	1()	3 . p. C.	, 1, 7	* 1	Cas Te	65	< 1 × 7/4 /
FORT MORGAN	MAX MIN	90 76	85 75	85 72	89 76	92 79					91 76	92 77	84 75	89 78	85 73	84 73	85 74	82 71	89 74	88 74	89 75	88 74	82 70	36	~? .	2 ·	15	=11 7	<u> </u>	11.2	77	(4.1 , =	- , <u></u>
PRISCO CITY	MAX	94 72	90 71	89 71	88 70	93 72	94 72	92 72	94 72	94 72	95 74	93 73	95 71	85 73	87 72	87 72	88 71	82 71	84	90 70	91	90	85 71	5 (A	1°		611. (2.3)	, ; .	84	7.	1	1 6	4.
GADSDEN	MAX	93 70	88 70	89 69	89 70	94 70	92 72	95 69	95 70	96 71	92 73	93 71	92 73	88 75	86 74	89 72	87 73	81 71	86 70	88 66		92 68	93 67	Cari	Ke f	4 (6	Org FF	746 x 8	116	3	1		91 -
GRNEVA	MAX	95 69	93 71	85 69	91 68	94	93 70	93 72	95 72	94 72	96 72	94 71	95 71	93 72	91 71	88 73	85 72	87 70	87 70	84 67	90 68	90 70	89 69	11	4) 6 - 7	14.1	(<u></u>	9.1		3	=	7	11 7
GOODWATER	MAX MIN	91 71	85 70	86 69	90 69	92 73	91 74	90 69	93 72	94 74	91 72	90 72	90 73	89 73	88 71	88 73	87 71	80 70	82 70	87 68	88 69	88 69	87 68	5		4 "	1 4 14	7	7		3	ħ	
GPI 1 -SBORO	MAX	92 73	93 70	85 73	93 71	94 74	94 73	95 74	95 75	98 75	98 76	90 75	89 74	92 74	92 75	80 70	80 71	84 71	90 70	94 72	90 70	90 71	92 72	11	11	72	77		1	10	E	#	11.1
GREE WILLE	MAX	90 72	87 72	84 71	92 70	92 75	90 73	93	93	95 74	93 74	93 73	89 72	89 73	87 72	84 72	84 72	83 69	87 70	90 72	90 72	87 70	88 70		=	a			75	3	2		
WALLALITE .	MAX		88 72	87 71	87 70	87 71	88 73	91 70	89 74	92 75	91 73	92 73	90 73	82 72	80 73	84 72	86 72	80 69	81 70	85 70		89 70	88 70	п				7	7	=	72	69	71.0
							9	See (e)	ute70	e note	e folio	, arw	Stati	r ind	ex																		

Table 5-Continued									D	AI	LY	T	ΕN	(PI	ER	AT	UR	ES														AL JULY	ABAMA
St. D		1														Day	of mo	nth														002	age
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Aves
HIGHLAND HOME	MAX	84	85 70	90	90 67	89 74	90 72	92 72	92 72	93 73	90 72	92 71	86 71	87 73	87 72	84 72	84 70	82 69	85 70	88 72	83 70	86 69	87 69	90 69	88 68	90 68	92 71	90 72	94 71	94 74	95 78	9.2 72	88.7 71.0
BUNTSVILLE	MAX MIN	87 72	88 70	89 74	91 72	93 71	93 73	93 72	94 72	93 74	91 74	89 79	86 73	82 73	83 74	89 72	81 74	83 70	88 72	89 68	90 69	90 72	90 71	91 68	89 68	91 69	92 67	95 69	95 69	95 70	90 71	86 66	89.5 71.2
LA FAYETTE	MAX MIN	86 69	90 68	92 68	90 70	91 70	91 71	95 69	94 71	93 73	90 70	87 70	88 71	87 70	83 71	85 71	81 70	82	86 67	89 68	85 68	89 68	90 67	90 66	90 68	92 67	93 68	93 68	92	96	96 74	93 71	89.6 69.4
LIVINGSTON	MAX MIN	90 72	89 72	84 71	91 71	93 72	94 73	94 73	94 75	95 75	97 77	95 74	89 73	90 74	90 73	79 72	81 71	83 71	89 72	93 70	91 70	87 72	89 72	86 73	86 73	89 71	91 80	92 74	90 72	95 73	95 74	93 74	90.1 72.9
LOCKHART	MAX	93 69	90 71	83 70	84 68	92 73	90 68	90 70	91 72	92 71	95 72	93 71	93 71	88 72	85 70	89 71	85 70	86 70	85 68	84 69	88 68	88 70	85 69	87 65	88 70	89 68	91 69	92 70	94 73	92 75	96 75	98 78	89.5 70.5
LOCK NO 4	MAX MIN	89 71	90 70	90 69	92 70	92 72	93 72	96 71	95 71	95 72	94 73	92 74	87 74	86 76	90 75	88 72	82 72	84 65	88 69	90 68	90 67	91 68	94 68	93 65				97 67	97 67	98 70	95 72	91 70	91.4 70.4
MADISON	MAX MIN	89 68	91 67	91 68	93 69	96 69	94 69	93 69	96 71	93 71	92 69	91 69	85 70	81 69	84 70	91 69	81 70	81 67	89 68	91 66	92 66	91 67	93 68	92 66	90 65	91 66	94 67	96 68	96 68	96 68	93 69	86 67	90. 7
MAXWELL FIELD	MAX	89 75	87 72	90 72	93 73	92 76	94 75	95 76	95 77	96 77	90 76	93 75	89 74	88 76	89 74	86 74	86 72	82 72	90 72	91 74	88 72	90 73	91 72	92 72	91 71	92 73	94 75	94 76	92 74	97 76	98 77	92 77	91.2 74.2
MOBILE WB AIRPORT	MAX MIN	92 73	86 72	81 70	90 72	93 73	93 74	92 74	90 74	93 75	92 73	89 74	83 73	88 75	85 73	85 73	83 74	85 69	89 71	89 71	90 70	87 72	80 71	81 70	88 72	86 71	90 71	90 73	92 71	93 75	95 74	90 72	88.4 72.4
MOBILE WB CITY	MAX MIN	94 74	88 74	80 72	91 74	95 76	95 76	94 76	90 78	94 77	93 78	93 74	86 76	86 77	83 74	86 74	83 74	82 72	92 75	92 74	91 73	87 73	80 73	82 72	88 75	88 74	90 74	91 76	92 72	96 74	94 75	92 72	89.3 74.5
MONTGOMERY WB APT	MAX	87 73	88 70	88 70	94 72	95 76	92 74	95 74	93 75	93 76	93 74	93 73	90 73	88 75	89 74	86 73	85 72	84 71	88 72	91 72	86 71	89 71	90 70	91 70	89 70	92 70	93 72	93 74	94	98 75	98 76	93 72	90. 9 72.7
MONTGOMERY WB CITY	MAX MIN	86 74	86 71	89 71	93 73	93 76	91 74	93 76	90 75	90 77	92 76	90 73	88 73	88 75	87 74	85 72	83 72	82 72	88 72	90 73	86 72	88 72	89 72	91 71	89 70	92 72	94 74	92 75	92 75	98	98 77	92 72	89.8 73.4
MUSCLE SHOALS	MAX MIN	90 71	89 72	88 73	94 71	94 71	94 74	91 73	93 75	90 75	93 74	88 72	84 75	85 72	90 74	91 72	85 71	83 68	88 69	92 70	90 69	89 70	90 71	89 70	86 70	88 70	92 71	94 72	94 72	96 70	97 72	85 70	90. 1 71. 6
ONEONTA	MAX	92 71	89 70	88 68	89 67	94 68	94 72	96 69	97 70	97 72	94 73	95 72	96 70	88 73	86 72	87 72	88 74	79 68	85 67	88 68	90 66	90 68	90 70	93 66	92 65	91 67	94 67	95 68	96 69	96 69	98 70	96 69	91.7 69.4
OZARK	MAX	88 71	86 70	88 68	90 71	90 74	90 74	93 73	92 74	94 74	93 73	93 73	92 72	87 73	85 71	80 73	85 72	85 69	80 70	88 69	90 70	87 70	87 69	90 70	89 67	91 69	92 71	92 71	93 71	94 74	97 75	93 71	89.5 71.4
PRATTVILLE	MAX	93 75	89 73	90 71	94 75	94 75	92 74	95 73	95 74	91 75	91 73	91 72	91	94 76	87 73	85 73	84 73	83 70	89 71	90	87 70	89 72	90 71	91 71	89 70	91 69	93 71	92 73	93 72	97 73	98 74	93 74	91.0 72.7
PUSEMATAHA	MAX	95 71	92 71	91 69	91 70	87 73	93 72	92 71	93 73	94 76	93 74	95 73	90	86 74	89 74	86 75	84 71	84 71	83 70	89 69	91 68	87 69	84 72	85 71	87 71	87 70	86 68	88 73	86 71	88 73	92 73	92 74	89.0 71.7
ROBERTSDALE 7 MI E	MAX MIN	91 71	85 72	83 71	89 71	93 72	91 72	92 73	90 73	93 72	89 72	90 72	85 72	86 74	84 74	82 73	86 72	77 70	89 70	89 70	88 69	85 72	82 71	79 70	86 71	86 71	90 69	86 73	91 71	94 73	94 71	91 71	87.6 71.5
ROCK MILLS	MAX	90 68	92 69	92 68	91 72	93 70	92 71	96 69	95 69	94 71	95 73	94 72	89 72	86 74	86 74	82 70	80 71	82 70	87 70	89 69	87 67	91 67	91 66	92 66	91 67	94 67	96 66	95 66	95 69	100	100 71	98 70	91.5 69.5
SAINT BERNARD	MAX	91 69	88 71	87 67	89 68	92 69	94 71	95 69	94 70	95 71	94 70	94 70	92 71	85 70	83 71	85 71	87 69	79 67	87 68	85 66	90 67	89 68	90 68	91 66	90 65	89 66	90 67	93 68	94	94		93	90.0 68.5
SCOTTSBORO	MAX	89 70	89 68	90 69	93 71	92 72	94 72	94 71	96 73	92 74	90 73	91 72	90 72	87 73	84 73	91 72	84 72	85 68	89 70	91 68	90 67	91 68	93 70	94 68	91 67	93 68	95 68	96 70	96 70	97 70	92 71	89 68	91.2 70 3
SELMA	MAX	88 73	88 72	87 71	91 70	93 72	90 72	92 74	93 75	93 76	92 76	92 77	89 73	88 74	87 73	86 74	85 72	86 70	87	88 73	87 71	87 72	88 72	88 71	87 71	90 71	91 71	92 72	89 72	95 76	95 75	94 75	89.6 72.9
SPRING HILL	MAX	94 73	94 68	88 72	90 70	90 74	.94 75		94 75	90 75	97 76	92 74		90 73	83 74	82 75	82 73	81 73	81 71	87 70	89 70	90 73	86 70	79 70	90 73	89 72	87 71	92 75	91 71	94 76	96 74	96 75	89.2 72.8
TALLADEGA	MAX	88 71	89 69	89 70	93 68	93 72	93 72	94 70	95 71	93 73	90 73	92 73	88 71	88 74	90 71	85 73	82 70	86 73	94 69	96 71	96 73	95 73	95 75	94 72	93 .74	93 69	96 69	99 71	96 68	97 67	97 72	95 71	92.4 71.2
THOMASVILLE	MAX MIN	92 71	88 71	86 73	93 72	93 72	94 72	97 73	94 73	95 73	94 75	96 72	88 71	88 73	86 71	87 71	84 71	83 70	90 70	90 70	92 69	88 70	90 69	85 69	89 71	90 70	92 70	91	90 72	93 73	95 75	92 76	90.5 71.6
TROY	MAX	92 71	87 71	85 69	88 70	92 75	91 73	91 73	92 73	93 74	93 73	94	94 71	90 73	87 72	87 74	88 71	86 69	88 70	87 70	87 70	85 69	85 70	90	91 68	89 68	91 70	92 71	91 71	92 74	95 75	98 73	90.0 71.3
TUSCALOOSA AIRPORT	MAX MIN	90 72	91 72	91 71	94 69	95 70	98 73	97 72	97 73	97 75	96 75	97 74	91 75	92 75	91 74	84 73	81 71	86 71	92 71	95 71	92 68	92 72	93 72	92 72	91 71	93 70	94 70	95 71	96 71	99 71	99 73	95 72	93.1 71.9
TUSKEGEE	MAX	92 69	87 68	91 68	91 69	92 73	92 70	94 70	93 72	92 72	90 72	91 70	88 71	87 72	86 71	81 68	84 69	82 68	86 68	90 69	89 68	89 68	90 66	89 67	91 66	90 67	93 68	93 69	93	96 69	96 71	93 69	90.0 69.2
UNION SPRINGS	MAX	86 69	89	91	92	91	93 71	95 71	93 71	93 73	89 72	94 71	91 71	87 72	84 72	80 72	85 69	82 68	85 69	88 68	89 69	90	91 68	91 68	91 66	94	94 68	94 70	94		98 70	95 70	90.3 69.8
UNIVERSITY	MAX	90	90 73	89	95 71	96 74	97 75	96 73	95 76	96 76	95 75	95 74	90 75	90 76	88 75	81 73	78 71	83 71	89 71	92 71	92 69	91 72	92 71	88 70	88 70	93	94 72	95 73	95 70	97 72	97	94	91.6 72.5

EVAPORATION AND WIND MOVEMENT

T-LL-6

VALLEY HEAD WETUMPKA

Station																Day	of m	onth															7	urture
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Tot	Deр from
AUBURN	EVAP		. 20	.12		.31	. 27	.28	.33					.21		.12				.19		.16	.27			.26	.27	. 25	. 29			.32		
FAIRHOPE	EVAP	29	13	8	.20				.24	.26	.17			.20	18	.05 15						.24	.05	10	.12	.11	.16	.15	.19		.23	.22	85.06 407	

		· · ·					- 1			JOLS 1949
Station	County	Latitude Longitude Elevation	Observer Observer	Rolet to re	Station	Z Gouty	Latitude	Of set val. 1.	Op erver	Reter to tables
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PALKYILLE PALLS CITY 6 MILES NO (1) 0 1 (1) 0 1	2840 MORGAN 2848 MINSTON	12 34 22 86 55 620 2 34 04 87 20 650 12 34 36 86 34 670 13 33 41 87 50 359 12 34 46 85 41 1380	7A X V BRRRY BRRRY BRRRY E MAIGANS	2 3 5 6	SMITESONIA SMOW HILL SOUTH BILL SPRING FILL SPRING FILL STALE STACAUCA STLACAUCA STLACAUCA TALLADBGA TROMASVILLE TROMASVILLE	8178 CLAREE	12 34 46 87 51 1 32 00 87 01 12;34 24 86 02 9 30 42 88 10 12;34 53 86 13 7 33 10 86 13 12;34 34 85 49 7 33 26 86 06 7 33 18 86 04 13 31 55 87 45	990 7A 175 9A 9A 665 7A 548 6A 1400 7A 554 6P 6P 1919 9A 385 9P 8A	MRS. EVA R. RAY TVA-75 HAMLIN H. TIPPINS TVA-385 ALABAMA POWER CO. TVA-386 C. D. WEAVER USFS MRS. MINNIE DEATON	CLOSED 4/1/49 3 3 2 3 5 3 2 3 5 3 2 3 5 3 2 3 5
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MARRISOURG & WILES SE TAVNIVILLE WILLNA MISSHLAND HOME MORRISO MORRISOURCE MOR	3897 PERRY 3748 LOWNIES 3812.5Y 3842 CON MAR 3842 CON MAR 3842 CON MAR 3842 FRANYLIN 4068 MADISON 4088 MADISON 4089 JACKSON 4198 TALLADEGA	12 34 54 86 05 1500 7 33 32 86 12 475	BA USFS BA MAXIME E. WATSON BA RUDOLPH ENGLAND BP 174 LUTE JORDAN HA MEN EARL LINDSEY GA PEARL I. HAYNES GA TYTA-65 MID WID U.S. WEATERR BUREAU 7A TYTA-78 BA LALBRAMA POWER CO.	3	WETUIPEA WHATLEY WHEXTLEY DAM WILSON DAM WINFIELD 2 MILES SW YATES SYVEN PLANT YOUNGS STORE NEW STATIONS	8659 ELMORE 8867 CLARKE 8875 LAWKENCE 8980 COLDERT 8998 PAYETTE 9103 ELMORE 9350 LAUDERDALE	7 32 32 86 12 13 31 39 87 43 12 34 47 87 21 12 34 48 87 37 13 33 56 87 49 11 32 34 85 54 12 34 57 87 54	580 7A 530 6A 468 7A 335 6A 840 7A	MRS. D. R. WHITAKER LEONARD L. COLEMAN TVA-52 TYA-471 W. W. COTMEY ALABAMA POWER CO. TVA-621	3 3 3 3 3 3
JACKSE WYLL I JERNA RAW LA PAYSTEE LAST DAW LASTEE LAST DAW LASTEE LAST DAW	4700 CALBITY 4300 FLBORE 4500 FLBORE 4500 F A A MEIN JETTYNSON 467 CFERCKEF M798 SUNTER M822 CHUTTYN M822 CHU	7 b3 49 85 45 7 b2 37 86 15 290 11 82 54 85 24 830 7 82 58 86 31 420 33 33 36 6 33 636 7 94 11 85 46 589 31 01 86 22 290 13 51 35 38 60 11 11 13 52 08 98 02 23	MILD PROF E. OFFEN 6A LALARAMA POWER CO. 6P 6P CLARENCE H.FINCEER 6A LALARAMA POWER CO. 8A BHS. MARY K. LEE 7A RUFUS M. SEWELL 6P 6P DROF. E. J. MURPHEY 8A 8A B. C. YOUNG 17A U. S. ENGINEERS 17A U. S. ENGINEERS	3 4	CHATOM PLEASANT GROVE SCHOOL	1566 WASHINGTON 6521 JACKSON	13 31 28 88 15 12 34 57 85 55	BA 8A	REV. MACK JONES TVA-695	2 3 5

1 1 41 ABAMA. 2-BLACK WARRIOR; 3-CABABA; 4-CRATTAROOCKEE; 5-CBOCTAWHATCHEE; 6-COMECUE; 7-COOSA; 8-ESCAMBIA; 9-GULP; 10-PEA; 11-TALLAPOOSA; 12-TENNESSEE; 13-TOMDIGBEE

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a State.

Delayed data and corrections will be carried only in the June and December issues of this bulletia.

Stations appearing in the lader, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperatures in *P, precipitation and evaporation in inches, and wind movement is miles. Evaporation is measured in the standard Teather Dureau type pan of 4 foot diameter unless otherwise shows by footnote following Table 6.

When bourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.

Amounts in Table 4 are from recording gages. Traces are not shown.

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station index for observation time.

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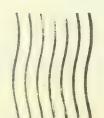
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U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary

WEATHER BUREAU F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ALABAMA

AUGUST 1949
Volume LV No. 8



General Summary

The mean temperature and total average amount of rain for the month for the State were both not far from normal. Showers were frequent in most localities, however, but mainly light, and it became rather droughty in a few spots in the north. An unusual feature of the circulation was that the usually well defined summer monsoon did not completely establish itself, and a considerable portion of the light thundershowers accompanied weak cold fronts which moved unusually far south for the time of year. The easterly winds from the Atlantic which resulted from this abnormality brought considerable cloudiness and some rather light showers in addition to the ones associated with the fronts.

No unusually high temperatures occurred, but it was exceptionally cool from the 22nd to the 24th, when early morning minimums in the low sixties occurred all the way to the coast, and when readings below 60° were recorded at several stations in the north.

CROPS

Crops continued to make good progress except in a few of the drier northern areas, where it was too dry for corn and pasturage. Boll weevil activity has been high all summer, and at the end of August the yield prospects were poor to fair. Cotton picking began early in the month in the south. By the end of the month, this operation was half finished in the south and getting under way in the north. During the fourth week, when shower activity was light, considerable hay was cut and saved. Planting of whater grazing crops got under way during August, and a few of the earliest plantings began to come up.

LIGHTNING DAMAGE

On the lst, at 4:00 p.m., a log tenant house on a dairy farm on the Seale road, near Phenix City, was struck by lightning and burned down. Damage was probably about \$500.

On the afternoon of the 8th, a farmer, Virgil Stephens, and a mule were killed by lightning while mowing hay near Fort Payne, in DeKalb County.

At 4:00 p.m. on the 19th, on the Atkins place at Martin Station, near Selma, lightning killed Jim Griffin, a negro herdsman. The barn which he was in at the time was destroyed by fire, with the loss of 50 tons of hay and some farm equipment. Property loss as given by the owner was \$5,000.

Lightning killed a woman about 20 miles west of Mobile early on the night of the 20th. Her name was not reported.

There were two reported cases of lightning damage on the 31st. At the Chisholm School, near Montgomery, a few asbestos shingles were knocked off the roof at 5:00 p.m. In Franklin County, the Rosewald School was burned down as a result of lightning late in the afternoon, with damage given as \$2625.

THUNDERSOHALLS

On the afternoon of the 20th, from around 2:30 to 3:00 p.m., at Sardis, southeast of Selma, in Dmllas County, wind from a thunder squall destroyed a barn and killed a mule, with a total loss of \$400. At this time, Craig Field, at Selma, reported gusts up to 69 miles per hour. Other minor wind damage to buildings in this vicinity was reported, and damage to trees and telephone lines occurred over an area extending westward over portions of Hale, Marengo, and Perry Counties.

Over Mobile Bay, soon after sunset on the 20th, a thundersquall overturned some small skiffs, drowning four men, Glen Geiger, Alton L. Allen, Roland Horton, and Charles E. Moore.

At 5:00 p.m. on the 28th, in the municipal airport area of Birmingham, damage from a thunderstorm amounted to \$150,000. Of this damage, \$135,000 was by wind; and \$15,000 by water. Six C-46 Air Force planes were damaged \$100,000. Three civilian planes were damaged, some trees were blown down, and power lines broken. The storm moved from northwest to southeast, covering an area of about a half mile square.

On 3-mile creek, near Mobile, during the midmorning of the 29th, a thundersquall blew the pivot bridge open, stalling highway traffic for several hours.

Again at Birmingham, this time in the downtown area, at 10:30 to 11:00 a.m. on the 30th, a heavy local thunderstorm flooded stores, basements, and automobiles, with total damage estimated \$350,000. Some slight wind damage was also done. The storm moved from NNW to ESE, covering an area a half mile wide by 7 miles long. At the old city office of the Weather Bureau, 2.59 inches of rain fell in less than 40 minutes, and it is believed that this equalled the existing record of 2.48 inches in 30 minutes at that location.

TORNADO

On the 30th, an exceptionally rare number time tornado of small diameter occurred on the Dalraida Road, east of Montgomery, a half mile south of the Gunter Field reservation. This tornado was seen to dip up and down a number of times, but actually reached the ground at only one spot, where by coincidence, there was a dwelling. The fifty foot wide whirlwind lifted the entire roof and most of the ceiling from the house and scattered portions of various sizes over an area more than 200 yards long by 100 yards wide, fanning out in the direction of movement of the storm which was from NNW to SSE. As an indication that timbers were lifted a considerable height into the air, a 2 x 4 rafter, and other fragments, fell to the ground after clearing the tops of some fairly tall pecan trees 200 yards away.

Normally, when a vigorous updraft of warm air gets started in a summer air mass at this latitude, undercutting by the dry stratum of air aloft, which has been cooled by evaporation of water drops falling through it, precludes the possibility of the air on the ground rising in a straight up symmetrical column, so that tornado formation is not possible. Everyone is familiar with this cool wind which accompanies thunderstorms, and whenever a pickup of the wind sets in along with a drop in temperature, all danger of a tornado has passed. Anyone who has seen a dust whirl over a hot plowed field can see that in order for a tornado whirl to reach the ground, the air on the ground must be warm enough to take part in the updraft of air and in that way contribute to the whirl.

Shading of the ground by cloudiness in summertime causes ground cooling which also helps prevent tornado formation. During the regular tornado season which is late winter and early spring, a circulation pattern sometimes sets in over the Gulf and southern Mississippi Valley States which keeps the air on the ground as warm in proportion as the air at higher levels, despite ground shading by cloudiness. This same type of circulation largely does away with the dry layer of air which is normally a few thousand feet above the ground, so that the passage of showers causes little if any cooling. It is this kind of circulation that is favorable for tornado formation

One of the things that made the above mentioned tornado possible was that it occurred in the initial stages of the rapid development of an isolated local and not very extensive thunderstorm, so that the cold squall wind did not advance in time to prevent the column of upflowing air from building down to the ground. Another factor favoring it was its development in bright sunshine where the surface air was warm in its path. Eye witnesses described the storm as being silhouetted against a clear background with yellow sunlight coming through it.

The tornado hit at about 4:20 p.m., CST, a few minutes ahead of the beginning of a moderately heavy shower, accompanied by the usual thunder. Soon after the tornado, the cumulonimbus cloud system spread out over a wide area at high levels, and the shower dissipated without apparently moving very far from its origin. Numerous other thundershowers built up soon afterward, and showers from 3:05 p.m. to 7:30 p.m. in downtown Montgomery yielded 1.47 inches of precipitation.

Damage done by this storm to the dwelling was \$3,000.

F. C. P.

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide met of rain gages—mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintened by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$250,000 per year to meet the increasing needs of their program in the western States.

Previous to the introduction of this bulletin series, data from Hydroclimati Network stations were presented in bulletins (Hydrologic Dulletins) Which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Pederal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

ALABAMA AUGUST 1949

	Sea lev	el pressure	extremes-in	ches		Wind spee	ed-mph		Relativ	e humidity	averages	percent	Sunshine	
Station	Highest	Date	Lowest	Date	Average	Marimum	Direction of maximum	Date of maximum	1:30 a. E.S T	7:30 a. E.S. T.	130 p E S T	7:30 p.E.S.T.	Percent of possible	Degree days 65 base
ANNISTON WB AIRPORT	30.23	5	29.74	18	4.5	-	-	-	94	94	61	80	-	0
BIRMINGHAW WB AIRPORT	30.23	6	29.76	19	5.6	49	HM	28	89	92	59	73	44	0
MOBILE WB CITY	30.21†	6	29.76†	20	8.1	54	ME	9	90†	92†	601	79†	62	0
MONTGOMERY WB CITY	30.22	5	29.74†	28	5.4	26	W	20	90†	92†	59†	74†	57	0
† AIRPORT DATA						1				1				

COMPARATIVE DATA

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Table 1							001.11	211121	11 4 13	DAIA							
	1	emperature	•	Precipi	tation			l'emperature		Precipi	tation			Temperature	,	Precip	itation
Year	Average	Highest	Lowest	Average	No. of days	Year	Average	Highest	Lowest	Average	No of days	Year	Average	Highest	Lowest	Average	No of days
1884 1885 1886 1887 1888	78.3 79.7 79.5 79.8 79.3	102 102 103 102 98	52 56 56 59 52	2.29 3.79 4.35 2.83 7.37	6 11 10 5	1909 1910 1911 1912 1913	81.0 79.6 79.1 79.2 80.5	108 102 102 100 103	54 54 54 49 52	3.30 2.67 4.95 5.69 2.57	8 7 11 11 6	1934 1935 1936 1937 1938	80.9 81.5 80.9 80.9 81.6	104 107 103 103 106	59 51 51 62 58	5.97 5.11 5.76 5.04 3.89	12 11 9 12 7
1889 1890 1891 1892 1893	77.4 77.5 78.5 78.7 79.2	97 97 102 100 100	51 50 44 56 50	3.27 4.46 2.73 6.21 5.00	9 9 6 14 9	1914 1915 1916 1917 1918	78.9 78.9 79.9 78.1 80.6	105 105 104 101 105	59 49 51 46 50	6.52 5.07 3.60 6.17 3.56	13 10 8 11 6	1939 1940 1941 1942 1943	78.6 80.5 80.8 78.7 82.2	99 102 101 101 109	53 52 52 53 54	10.50 2.93 5.29 6.43 3.64	13 8 11 12 7
1894 1895 1896 1897 1898	78.7 80.1 82.2 78.9 78.9	103 100 106 106 102	54 45 50 53 59	6.91 5.23 2.35 5.61 7.51	12 12 6 10 14	1919 1920 1921 1922 1923	79.2 77.6 80.5 78.9 78.9	103 98 105 101 98	51 52 53 52 51	7.54 6.82 4.38 3.27 6.28	12 13 10 8 12	1944 1945 1946 1947 1948	79.6 80.3 78.4 81.2 79.3	101 102 100 105 103	58 50 45 60 52	6.42 3.06 4.87 3.68 3.77	12 7 8 10 8
1899 1900 1901 1902 1903	81.3 81.7 78.7 82.2 80.6	103 105 104 107 101	58 62 54 52 53	3.71 2.94 8.47 3.54 3.64	8 4 12 8 9	1924 1925 1326 1927 1928	81.9 80.8 80.6 78.5 80.9	104 107 101 100 100	52 51 58 48 57	2.87 1.52 6.90 3.54 4.55	6 4 13 8 11	1949 Period	79.6 79.7	109	57 44	4.61	
1904 1905 1906 1907 1908	78.4 79.3 80.6 80.6 79.5	101 102 102 104 104	55 54 55 53 52	5.62 5.28 3.65 3.47 3.44	12 12 10 8	1929 1930 1931 1932 1933	80.2 79.5 77.9 80.8 80.0	102 108 102 102 100	50 50 47 58 55	2.10 3.50 4.63 5.36 3.99	5 7 9 11 9						

STATE STAT	Table 2						711111			GICI	יון דו	1117							T 194
Subject Subj			1	-	Tempera	ature								Precipitati	on				_
Software Software			normal						k		normal			Snov	v, Sleet, H	ail	N	o. of da	ya
AMPIRED THE ALTOUT FOR ALTOUT FOR ALTOUR FOR	Station	Average	from	Highest	Date	Lowest	Date	90° or	32° or	Total	from	eatest	Date	Total	pth	Date	0 %	ğ	JO Z
### STATEMEN TO A LEPOTT 77, 7	NORTHERN DIVISION																1		
GARGERIN	BIRMINGHAM WB AIRPORT BIRMINGHAM WB CITY CORDOVA	78.7 80.0 80.0	0.3 0.8 0.6	95 98 96	12+ 12 12	62 62 63	22 22 26	19 22 24		5.22 9.20 3.90	0.96 4.94 - 0.43	1.06 2.71 0.77	28 30 9	т			17 15 9	7 6 8	1
ALBISON SOURCE TO A 1.0 85 114 59 234 18 2.52 1.72 0.68 18 12 4 1 1 2 4 1 1 2 6 1 1 6 1 2 4 1 1 1 2 4 1 1 2 4 1 1 1 2 4 1 1 1 1	GA DS DEN GOODWAT ER HALEYVILLE	79.3 78.5 77.5	- 0.8	98 93 93	12 7+ 13	61 61 62	25 22+ 23	26 18 8		2.11 4.07 4.96	- 2.45 - 1.42	0.99 1.38 1.55	21 30 20	Т			11 11 14	5 6	1 1
SCOTTSPIGNOR 78.7 1.3 4.6 11.4 6.2 22 17 5.13 1.66 2.5 2 17 5.15 1.65 2 1.75 3 2 1.77 3 2 1.77 1.5 1.75 1.5 1.75 1.5 1.7	MADISON MUSCLE SHOALS ONEONTA	77.3 77.9 78.6	- 1.9 - 1.0	95 97	12 13	63 60	1+ 22+	11 26		5.70 2.71	1.84	0.65 1.23 1.25	18 23 31				13	7 3	1 1 1
NITIONE DIVISION **NOTICE DIVISION** **NOTICE DIVISION** **NOTICE DIVISION** **NOTICE DIVISION** **NOTICE DIVISION** **78.2** **1.2** **95.7** **6. 62.4 17 **1.0. 17	SCOTTSBORO TALLADEGA TUSCALOOSA AIRPORT	78.7 79.4 81.1	- 0.1 0.1	94 96 99	11+ 12+ 11	62 60 64	22 24 24	17 23 27		5.19 2.76 5.24	1.05 - 1.95 0.96	1.95 0.91 1.71	2 3 18				17 13 10	3 2 4	3
MIDELE DIVISION ALEXANDER CITT 6 MILES NE 78.4 - 94 6+ 66 24 17 18 1.74 - 3.11 0.40 17 15 6 12 4 18 1.74 - 3.11 0.40 17 15 6 1	VALLEY HEAD	75.7	- 1.0	92	12+	57	25	13		4.01	- 0.55	1.53	31				8	5	1
ALXAMES CITY 6 NILES NE 76.4	DIVISION	78.8	}							4.20			1						
AUBUIN 76.2	MIDDLE DIVISION																		
GREENSONDO \$1.20	AUBURN CENTREVILLE CLANTON	78.2	- 0.4	95 97 95	7 6+ 1	61	22+	18 26		1.74 2.84 5.31	- 2.22	0.40 1.20 1.46	17 20 8				15 6 10	2 4 6	1
MAYREL FIELD MONTGOMERY WB AIRPORT MONTGOMERY WB CITY MONTGOMERY MONTGOMERY WB CITY MONTGOMERY MONTGO	GREENSBORO GREENVILLE HIGHLAND HOME	81.2M 79.8 79.0	1.0 - 0.7 - 0.7	99 93 93	12 7+ 15	63 65 64	23 25 22+	18 16		6.72 5.93 4.42	2.33 0.51 - 0.38	1.69 1.89 0.99	15 17 30				12 16 10	8 8 7	3
SKIMA 80.1 -1.1 94 26 65 22 20 7.51 2.94 1.89 16 13 8 3 710 79.9 -0.7 93 7+ 66 22+ 23 8.30 3.53 3.40 2 14 8 3 710 79.9 -0.6 95 1 64 22+ 22 2.42 2.7 -1.29 0.80 22 11 6 11	MAXWELL FIELD MONTGOMERY WB AIRPORT MONTGOMERY WB CITY	81.3 80.2 80.6	- 0.2	95 95 95	12+ 5+ 7+	66 64 65	22 22 22	22 22		5.40 2.79 4.95	0.72	2.44 0.59 1.65	19 29 19				9 12 10	7 5 5	
NETUMPEA 80.2 -1.0 95 6+ 66 22+ 17 4.05 -0.68 1.50 20 12 6 1	SELMA THOMASVILLE TROY	80.1 79.9 79.9	- 1.1 - 0.7 - 0.6	94 93 95	26 7+ 1	65 66 64	22 22+ 22+	20 23 22		7.51 8.30 4.00	2.94 3.53 - 1.29	1.89 3.40 0.80	18 2 22				13 14 11	8 6	3
DIVISION 79.9			- 1.6					17		4.05	- 0.68				į.		12	6	1
ANDALUSIA ATMORE STATE FARM B1.1 - 95 6+ 66 23+ 25 8.22 - 1.61 7 14 9.3 16 16 19 3 8.1.1 - 95 6+ 66 23+ 25 9.13 2.99 1.40 9+ 16 10 4 81.1 0.1 94 11 61 10 4 81.1 0.1 0.1 94 11+ 67 23 23 23 2.59 1.79 1.76 1.12 10 114 10 114 10 4 111 6 114 10 4 111 6 114 10 4 111 6 114 10 4 111 6 114 10 4 111 6 114 10 4 111 6 114 10 4 115 114 10 114 10 4 115 114 10 114 114																			
ATHORE STATE FARM BAY MINETTE BAY MINES BAY MINETTE BAY MINETT BAY MINETTE BAY	SOUTHERN DIVISION			ı															
FATRHOPE 80.8 -0.1 96 12+ 64 23+ 27 4.69 -2.54 1.20 19 12 8 1 15 15 4 1 1 15 1 16 11 2 16 16	ATMORE STATE FARM BAY MINETTE BREWTON 3 MILES SSE	81,1 80,8 79.9	0.4	95 94 95	6+ 20 6+	66 66 61	23+ 23 26	25 25 24		8.22 9.13 7.97	2.99 1.76	1.61 1.40 1.12	7 9+ 10				14 16 14	9 10 10	3
LOCKHART 80.4 - 95 30 64 24 23 5.29 - 1.14 30 30 15 8 1 M0BILE WB CITY 82.3 1.3 95 12+ 69 20+ 23 4.23 - 0.85 20 122 5 1 OZARE 80.0 - 0.6 94 7+ 65 23 20 5.73 0.16 1.40 5 ROBERTSDALE 7 MILES E 80.3 - 94 20 61 23 21 5.90 - 1.56 1.71 29 16 6 2 SPRING HILL 81.6M 0.7 97 21 5.17 5.17 5.17	EVERGREEN FAIRHOPE FORT MORGAN	81.1M 80.6 83.1	- 0.1	96 96	12+ 13	64 70	23+ 20	27 23		4.69 2.71	- 2.54	1.20 1.29	19 20				12 5	8 4	1
SPRING HILL 81.6M 0.7 97 21 DIVISION 80.9 3.88 - 3.29 1.18 21 5.17	LOCKHART MOBILE WB AIRPORT MOBILE WB CITY	80.4 81.1 82.3	1.3	95 96 95	30 20 12+	64 67 69	24 23+ 20+	23 21 23		5.29 4.23 4.45	- 2.47	1.14 0.85 1.21	30 20 15				15 18 12	8 7 5	1
	ROBERTS DALE 7 MILES E SPRING HILL					61	23	21											
STATE 79.6 - 0.1 4.61 - 0.11	DIVISION	80.9																	
	STATE	79.6	- 0.1							4.61	- 0.11								

Table 3																															A.	UGUST	1949
Station			2	3 1	4	e l	6	- 1	8	9	10	11	10	13	14	Day 15	of m	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
ABBEVILLE ADDISON ADDISON CNTRL TOWER ALABAMA STATE FARM ALBERTA	2	. 31	. 22	. 37	. 04 . 04 . 23 . 40	. 28	. 30			.36		1.67		. 33	.91 .29 2.00	1.61	. 45	. 60 . 93	. 43	. 50 . 55 . 45	.30		. 45				1.00	. 17	.08	. 02	.34	.16	6.28 3.19 2.91 4.81 5.96
ALBERTVILLE 1 MI S ALEXANDER CTY 6 ME		. 03	. 01	.16	. 40		.31 T	. 69	T		. 33		. 64			. 03		2.40	.10	.13	. 28	.06	. 48					.03		.44	.97	.15	3.88 4.02
ALICEVILLE ANDALUSIA ANNISTON WB AIRPORT		.06 T	1.21	.04		.40 T		.18	. 03		T		T	. 70		2.20	.19	.01	. 09 T	.31 T	.90	. 12	.15 T	т	.92			т	.09	T	.24	.05	2.52 2.94 6.06
ARLEY ASHLAND ASHVILLE ATHENS ATMONE STATE FARM	//E		. 25	. 35	. 60 . 87 . 09	. 68	.06	. 25 . 15 1. 61	. 23	.12	. 56	.19	. 45	. 79	. 20	.06 .11	3.11	. 20 . 11 T	. 25	2.36	.15	. 39	.06	.09	1.02	.06	. 30		. 79 T	.11 T	.37	.85 .15 .37	4.39 7.48 4.16 1.35 8.22
AUBURN AUBURN SCS 10 AUTAUGAVILLE BARTON BAY MINETTE	R	. 12	. 82	.12	T .12	.15	.18	. 12 . 76 . 68	.08	.12	.12	. 07 . 14 1. 20	.16	. 23	.05	. 26 . 24		. 40 . 10	.13	. 02	. 04	.10	. 47	.78	.18	.13	.06		. 03	T .10	T .02	. 02	1.74 1.50 4.84 4.09 9.13
BEATRICE BELGREEN BERRY BEXAR 2 MILES SE BILLINGSLEY	R R		. 89	.74 .20 .06	.13		. 38	. 09	. 28		1.05		. 65	.37	.02	. 39	. 80	.16	.03	. 20 . 88 . 20 . 07		1.15	.10	.15	.31	.02	-	-	. 05	. 01	.13	.14	5.76 4.05 1.58 3.59
BIRMINGHAM WB APT BIRMINGHAM WB CITT BISHOP BRANTLY BREWTON 3 MILES SSE	Z	. 08	.86 1.96 .81 1.05	. 20		T .01 .07 .90	.11	T	.07	. 21	.13	. 08	. 28	. 01	83	T . 28	.46	.36 T 1.25	T	.86 2.32 .26 1.10	.10 .35 1.95 .22	T .02	.05	. 01	T .15	. 20		T	1.06	. 03	.06	. 35	5. 22 9. 20 4. 37 4. 91 7. 97
BRIDGEPORT 2 MI W BRUNDIDGE CALERA CAMPBELL	R		1.49	.32		.18	_	-	1.27	.12	1.40	. 21	. 69 . 76 . 38 . 12	.02		.13		. 29	1.47	3.26	. 23 T . 66	. 64 . 26 . 40	.18		.12		T	.04		.10	.10		3.24 9.87 4.18
CARBON BILL CENTER GROVE CENTREVILLE CHILDERSBURG CITRONELLE		. 56	.04	. 25 T . 52 . 49	.30	. 30	.83	. 19	. 39	. 25		.30	.11	. 10	. 30	.15	T	. 80	. 56	. 37		. 20 . 23 . 57 . 35	.65	.19	. 27	.05		T		. 84 . 94 . 13 . 10	. 25	.17	7.34 5.96 2.84 4.72 2.59
CLAYTON CLAYTON COFFEE SPRINGS COLLINSVILLE COLUMBIA		. 40 . 63 . 24	1.21	. 83 .16 .09 .72	.10 T	. 20			1.46	. 40	. 02	. 45 T	. 28 T		. 07	. 55	. 57	. 36	.12		.26 T	.16 1.40 .38	.05	.08				T	.08	. 60	.10	. 28	5.31 4.66 2.60 3.45 5.06
CUBA CUBA DADEVILLE DADEVILLE NO 2 DANCY DANVILLE	2	. 45	.01	.04		.63	.03	. 25 T	. 21	. 77	T . 66	1.40	.02	1.64		.06	.81	. 70	.40 1.38 .13 .08	. 52 . 14 . 05 . 49	.14	. 21	.80		1.70	. 03	.02	T .07	.11	.10	.37		3.90 5.77 4.75 4.45 3.43 3.82
DATTOR DECATUR DECATUR NO 4 DECATUR SUBSTATION DEMOPOLIS		. 66	.02	1.29 .23 .05	.08	. 80 . 85 . 37		. 21	.03	T		. 01		. 10	.12 .01 T	. 22 . 39 . 98 1. 40	T .03	T . 20	.93 .06 .10	. 55	. 22	.14	1.12 .56 .65 .59						.01	1.01 .03 .05 .02	.02		5.49 2.63 3.18 2.83 2.01
POTHAN CAN VIRPORT ELRA ELROD EUFAULA EUTAW LOCK NO	Z	.02	. 66 . 95 2. 46	. 49	.01 .47 .65	.10		. 30	.10	. 16	.02	. 03	. 25	1.95	. 05	. 14	, 09		.30	. 44 . 12 . 62 . 28	. 20	T .75	T .15 .40 .48	, 12 T	.05			.06	.01	.01	.11	. 51 1, 56 T	3.31 6.59 6.41 5.65 6.43
EVERGREEN FAIRHOPE FALLY TILL FALLS CITY 6 MT NU FARLEY		88	.34		.07	.41	. 32	. 82	T	. 39	.16			.72	.14		. 09	60	.12	.22 1.20	. 55 . 21 . 17	.01	-	.17	1.48	- . 52 . 11	.10	-	-	. 32		1.55	4.69 2.32 1.85 2.86
PAYETTE FLAT ROCK FLORENCY 'T LACK FORT DEPOSIT	B //Z	. 26	. 28	.12	.95	.03		1.05	.05	. 55	1.14	T		. 12	.75	. 60	.98	1.84	.06 T	.04	.90	.30	.60 T .71	.05	T .36	. 11			.04 T	. 37 . 16 . 20	. 12	. 40	4.14 1.89 6.34 7.23 2.71
PORT PAYNE FRISCO CITY SA MODEN A INLEVILLE GARDEN CITY	2 2	. 28	. 76 T	.08	. 03	. 98 . 63 . 04 . 29	т	. 31	.36 .04 1.09	1.12	T	. 09	.18 T	.03	. 02	. 21	.05 .52 .32		. 27	. 74 . 05 . 01	.13 1.10	1.08 .48 .99 .02	.04	. 23	.07	.09				.32	.71	. 09	3.25 7.30 2.11 3.57 2.42
GENEVA COODWATER COGGAS FREENSBORO		. 43	.02 T	1.68 .10	. 32	. 13 . 06 T		T	.60 .27	. 04 . 09 T	. 20	. 18	.39	. 15	.04	. 04	.05	.05	.32		1.11	. 41	. 02	. 03	. 30	. 27		.18	T .17	. 18	1.38 .40 1.19	T .96	4.35 4.07 4.01 6.72
PREENVILLE NO 2 JULY SHORES 2 MI SSE JUNTERSVILLE REC JUNTERSVILLE DAM	R	. 41	.11 1.06 2.69	.12	.10	. 04	.11		.16	. 43		.12		.15	.11	. 09	1.69 .11 .15	1.37	. 51	. 23	. 80	. 51	- T	. 65	-	.05	-	-	-	.08	.17	.66	2.65 5.23 4.26
HALKYVILLE HANNEY ILLE HANNEY ILLE HANNEY ILLE	Z	. 48	. 63 T	T .17 .25	.03 T	. 59 . 63 T		.10	.06	.04 T		.13		. 12 T	.01 T	. 10	.15		. 29 . 16 1. 76 . 83	. 02	. 66	.10	.20		.14	. 34		T	. 27	. 88	.07	1.65	4.96 4.03 3.60 5.59 4.42
IODGES IOMTSVILLE SUBSTA IUMTSVILLE ITTOP				.03	T	. 43 T	. 08	. 63	. 40	T				T T . 40	. 82 . 12 . 13 . 67		.68 .07 .09	. 01	. 26	. 09	- 1	. 83 T . 26 . 08	.38	.01	.09	. 18	1.25		.94 T	. 06	.74		3.65 5.54 .91 .76 4.95
JACKSON SHOALS JACKSONVILLE JORDAN DAM A FATETTE AT DAM	2 2	. 53	.03	. 66	.05				.27	. 22	. 04	.15	. 07	1.34	.14	. 33	.13	. 67 . 81 1. 20 . 04	. 02 T . 32	. 03 . 94 . 72	.37 .97 .46	. 03	.77	.04				.18	.03	.07	.07 .03 .16 .05	.45	2.48
JEEDS JEESBURG JECOLN JVINGSTON JOCKBART	4.5	. 23				.16		.03	. 35	.05	.97	.13 -	T -	.03	.08	- T	.41 -	1.65	. 36	. 25		.03	-	-		. 07	.02		.04	. 38	.28 .15	.18	4.66 1.64 4.12 5.29
AOCK NO 2 AOCK NO 3 AOCK NO 3 AOCK NO 4 AOCK NO 17	//3	2.00	.02	1.22	.03	. 34			.92	. 35	. 09	. 07		. 38 . 29 1. 93		. 20	.13 .02 .65	. 53	. 20		.30 .18 .21	. 49	.15 .31 .33	. 44	-	-	-	-	-	.16	.09	.06	3.42 4.93 2.93
ADISON AGELLA AGNOLIA ARION 1 MILE SSE ANION JUNCTION ARTIN DAM	2 2	.31	.07	2.03	. 26	. 10		. 10	. 33	. 19 . 25 . 24		T	1.34		.71 .50 .04		.08	. 40	.65 .17 .34 .53 .32 .23	. 44	1.37 .19	.05 .27 1.10 .30 .26 .81	. 63	.02	. 39	.11	.08		.13	.18 .02 .46 .11	. 30	.32	2.52 5.16 5.11 3.07 6.99 4.80

AUGUST 1941

Table 3-Continued																							_								A	UGUST	1941
Station																Day	of E	onth															Total
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	T
MAXWELL FIELD MELVIN MIUWAY MILLERS FERRY MILSTEAD		. 26 . 68 . 02 . 32	.01 2.02 .24	T	T	.04 T	-		.06	-	-	17		. 26 . 21 - 1, 32	.02	- T	- T	T -	.74	2.44	.48 - 1.04 .13	-	T .62 .45	-	.14	-	-	. 04	.23	.68 .01 -	1.77 T	T .08 - .10 .38	5.40 4.97 - 3.50 2.90
MITCHELL DAM MOBILE WB AIRPORT MOBILE WB CITY MONTE SANO MONTEVALLO	z	1.88	. 58	.02	. 37	. 39	T	.08 T .10	.82 T	. 25	T	. 03	.45 T	T . 22	.59 T	T 1.21	.01 .23 .67	.01	.31 T .01	T	.12 .85 .88	.48	.14 .80 .25		.10	. 04	.15	.01		.41 .65	.08	.03	4.42 4.23 4.45 2.33 1.09
MONTGOMERY WB APT MONTGOMERY WB CITY MOULTON MUSCLE SHOALS NEW BROCKTON	Z	. 31 . 25	.02 T * .55	*	T T 3.13 .98 .22	.24	.33	.24 .05	. 23	т	.02		T .03	.34 T	T .13	.40	.38 2.09	.02 T	.18 .51 .02 .27	.56 1.65 .17 .83	.15	T T .61 .50		T 1.34 1.23	T 2.66	.06		.17	.43	. 59 . 59 . 06	.03 1.47 .02 .55	T	2.79 4.95 9.26 5.70 6.35
NEWBURG NEW MARKET NEWTON ONEONTA OREVILLE		. 43	. 51	. 54	.14	.39		.19						.44	.74		. 33	.31	.43 .12 1.65		. 57	.18	.02		. 50	.13				.10		.47 1.25 2.80	4,89 1,49 2.01 2,71 5,21
OZARE PAINT BOCE PALMERDALE PERRYVILLE PETERMAN	R	. 73	1.04 .18 .05 .11	.44	.01	1.40	. 03	. 05	. 43	. 38	.17	. 07	0.15	3.30 .61 .04	1.33	.09	.93	.14	. 69	.41	.09	.04 .03 .88 1.10	.05		.15					. 47	.88	. 61	5.73 4.51 3.40 3.68 4.36
PICEENSVILLE PINE HILL PINE LEVEL PLANTERSVILLE PLEASANT GROVE SCE	R	. 85	1.31	. 14	.17		. 27	T . 25	.45	.10	.58 .11		.05	1.02	. 05	,	.23 .15	.80 .30 .10	.14 .30	.30 1.49 .53 .90	. 57 . 76 . 72	.90 .52 .21	.08		. 23				.16 T	. 09	. 60	.50 1.02	3.91 7.67 4.17 4.45 3.81
PRATTY ILLE PRIMROSE FARM PUSEMATARA RED BAY RIVER FALLS		.20 .82 1.33	.09 .01 .06	. 26		. 15		. 78	.12	.11	. 55	1.55		. 20 T	. 25		.04	T .71 .14	. 59 T	2.10 .86	.19 2.99 .65 .85	. 06	. 22	. 30	.16			.18	.16	. 50	.21 .80	.27	5.23 5.87 4.18 5.40 4.59
RIVER FALLS 2 MI NE ROBERTSDALE 7 MI E ROCK MILLS SAINT BERNARD SAND MIN STA IRM AP		.05	.18	.09	.04	. 01	1.29	.06	.07	. 08	.16	. 30	. 13	. 04	. 24	. 20	.21 .71 1.95 .20	.07 .48 .03	. 45 . 65 . 16 . 19 . 35	. 47	.49 .26 .46	.02	. 29	T .09		. 20	.34		.51 .10 .02	1.54 1.71 .50 .06	.24	.03	4.90 5.90 5.53 1.50 2.52
SAYRE SCOTTSBORO SCOTTSBORO SUBSTA SELMA SHEFFIELD TVA NESY			1.95	. 23 . 05 3. 81 T 1. 98	.05	.02 .15 .02	.03	.03 .16 .10	.17	.08 .03 T	T	1.43	.31	1.40 .18 .09 .13	. 04	.10	.08	.02	. 29 . 01 1. 89	.12 .03 1.75	.52 .22 .04 .31 .75	.11 .01 .44 .52	.30 .12 .07 .53	T . 33	.11				.05	. 82	.08	1.55	3.63 5.19 6.60 7.51 7.78
SHOEMAKER SPRINGS SLOCOMB SNOW BILL SOUTH HILL SPRING HILL		. 58	.97 .60	. 53 . 19 . 10 . 63	. 20	. 40 1. 56 . 10			. 26	.70	.08	.16	.14		. 46	. 08	.22	.10 .14	T .04 1.57	.37	1.44	2.62 1.18	.18			.15	. 50			.10	. 59	1.50	1.14 8.04 4.04 3.46 3.88
SWAIM SYLACAUGA SYLVANIA TALLADEGA TALLADEGA HRN MT TE		. 03		.15			. 53	.13	.96	. 13	.11	.08	.14 .04	.10	1.45	. 06	3.77 .10 .19 .47	.07	.16	.37	.14	. 34	.08	. 99	.10	. 07			, 60	.17	. 08	.16	3.99 7.38 .12 2.76 3.17
THOMASVILLE THORSBY 1 MILE SW THURLOW DAM TONEY TRAFFORD	E E	.04	3.40 .10 .17 .60	. 01.	. 49	1.54	. 07	. 47	.14 .07 .32 .10	.03	.34	. 33		. 10		.20	.09 .90 .16 .10	.42 .37 .01	. 59	. 46 . 38 . 10 . 73	.26	.90 .08 .02 .11	. 26 1.72		. 05			. 03	.11	.03	. 28	. 02	8.30 3.35 3.61 2.07 3.89
TEOY TUSCALOOSA AIRPORT TUSCALOOSA LCK DAM TUSERGEE UNION SPRINGS	Z	.02	.16	.18	.03	. 66	т		.12	.06	T .15	. 88	.31 .32	1.28 .56 .02	T .81 .05	.15 .17 .12	.04	.16 T		.47 1.31 1.20 .02 .10	.09 .14 1.98 .11 .24	.45 .17 .38 .04 T	.80 T .02 .04 .26	т			T	.10	.01	. 23 . 20 . 02	.02 .10 T	. 57	4.00 5.24 6.43 2.42
UNIONTOWN UNIVERSITY VALLEY HEAD VANCE VERNOR	R	.03	.18	. 33	.91	.64			.15	.13	.43	. 60 . 45	.01 .60 .86	.03	1.71		.10	. 67	.06	. 40 1.73 . 60 . 14	.97	.02	. 25	.16			.05	.03	. 45	.06	.10	1.53	4.58 5.89 4.01 1.80 4.49
WADLEY WALLACE WALNUT GROVE WATERLOO WEST BLOCTON		. 50	.95	. 42 . 27 1. 30	. 66	.41	.12	. 82	. 20		. 21	. 40	.14	. 52	.13	.30	.72	.11	.90	.05 1.28	.20 1.10		.20		.14			. 22	.75	. 20		1.20 1.08 .78	3.10 6.71 2.12 2.81 3.12
WETUMPKA WHATLEY WHEELER DAM WILSON DAM WINFIELD 2 MILES SW		1.04	.15	.26	Ť	. 07 T	T	. 01	. 03 . 03 T	.67	.15	. 37		.05 .23 T .45	.12	1.77	.96	.15 .52 .11 2.30 .79	T .06	.71 .10 .22 .04	1.50 .05 .57 .97 .89	. 36	. 56 4.71 . 84 . 06	1.27	.98 .47	. 05	. 60			. 54 . 08 . 44	.19 .11 T	.27 .01 T	4.05 6.25 7.27 7.70 5.82
YATES HYDRO PLANT YOUNGS STORE		1.63	,11			1		1.03	.18			. 68		. 83				.14 2.31	.01	. 09	.19 1.33	.02	1.72		. 55					. 28		. 05	5.43 6.32

Table 4																								AUGUS	BT 1949
Char					A. 1	M. Hou	ır endi	ng									P. 1	M. Hou	ır endi	ng					7
Station	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
	-											-ls	+-				i				1	-		-	-
ABBEVILLE CAMPBELL EUTAW LOCK NO 7 GARDEN CITY LOCK NO 1 MAGNOLIA MIDWAY MOBILE WB AIRPORT 6 MOBILE WB CITY MONTCOMERY WB AIRPORT 6 MONTCOMERY WB AIRPORT 6 MONTCOMERY WB CITY NEW BROCKTON PETERMAN RIVER FALLS 2 MILES NE	-	-	-			-	-		-	.02	-	-1S	.95	- .06 .03 * * .01	- .01 .07 .12 * .01 * .06	- .01 .02 .19 * .10 1.50 .07 .02 .21	.02 .33 * .08 .21	.26	.16 .02	.03	400			-	.31 .02 .09 1.10 .31 .68 .01 .25 1.90 .80 .05 .47
ABBEVILLE ANNISTON WB AIRPORT 6 ATMORE STATE FARM BIRMINGHAM WB CITY BOAZ DADEVILLE NO 2 DADEVILLE NO 2 PORT MORGAN // PORT PAYNE GARBEN CITY GREENVILLE NC 2 GUNTERSVILLE NC 2 GUNTERSVILLE NC 3 GUNTERSVILLE SE JACKSONVILLE LOCK NO 1 // MARION 1 MILE SE MILWAY MOBILE WB AIRPORT 6 MOBILE WB AIRPORT 6 MOBILE WB AIRPORT 6 MOBILE WB AIRPORT 6 MOBILE WB AIRPORT 6 MOBILE WG CITY MONTCOMERY WB AIRPORT 6 MOBILE WG CITY MONTCOMERY WB AIRPORT 6 MOBILE WC COCK PETERMAN RIVER FALLS 2 MILES NE THORSBY 1 MILE SW TOOKEY		.02	.09	* * .01	.15	***************************************	.01 * .18 .02 *	.01 * * .02	.03 .01 .45 .01 2.10 .14 * * .03 .09 .11	.11 .06 .11 .01 * * .17 .13 .01 .04	.05 .05 .05 .12 .09 * * .05 .03	.01 .08	.01	.01 .07 * .01 * *	.02 *	.11	.04 .25 .01	.13 .43	.03	.01	.01	**	.01	* 0	.22 .27 .86 .05 .05 .06 .11 .65 .07 .40 .11 .2.69 .03 .15 .18 .19 .25 .18 .11 .18 .10 .60 .60
TRAFFORD TROY UNIVERSITY							.20	.01	.01	.03	.01	.01		.03	.35	.01									.27
ABBEVILLE ADDISON ANNISTON WB AIRPORT 6 BELGREEN BERRY BIRMINGHAM WB CITY DADBVILLE NO 2 DOTHAN CAA AIRPORT GABEEN CITY GREEN'ILLE NO 2 BALEVYILLE 2 JACKSONYILLE JACKSONYILLE	.07	. 25	.01	.03	.01	*	.06	.30	.02	*	•	-3a	.14	.02	.12	.01	.01	.01	.08	.01	.01			.01	.37 .05 .20 .06 .12 .02 .37 .03 .18 .08
MOBILE WE AIRPORT 6 MUSCLE SHOALS 6 NEW BROCKTON PAINT ROCK PETERMAN TRAFFORD ABBEVILLE	.21	.04	.02		.04		.04					.02 -4t	h-		.04			.02	.01	*	.32	,01	•	.01	.08
ADDISON ASHLAND // ATMORE STATE PARM BELGREEN EUTAW LOCK NO 7 FORT PAYNE GREENVILLE NO 2 GUNTERSVILLE NC 2 GUNTERSVILLE HEC HALEYVILLE JACKSONVILLE LOCK NO 1 // MAGNOLIA MOBILE WB AIRPORT 6 MOBILE WB CITY MOULTON MUSCLE SHOALS 6	.02	*		*	*	*	*	*		* 02 *	.07	.02 .01 .09 .24 *	.90	.02 .04 *	.51	.08	.01	.01	.01	.21	.72				.04 .87 .34 .13 .02 .93 .10 .08 .56 .05 .34 .26
NEW BROCKTON EIVER FALLS 2 MILES NE TOHEY TRAFFORD TROT VERNON BOAZ DOTHAN CAA AIRPORT GUNTERSVILLE REC MONTGOMERY WE CITY MOULTON PAINT ROCK							.01					-5t	.79 h-	.58	.01	.12	.01 .75	.03	.01	-	-	-			.22 .80 .49 .57 .61 .91
ASHLAND // ATMORE STATE FARM BELGREEN BIRNINGHAM WB CITY DADEVILLE NO 2 GARDEN CITY												-6t	h-	.36	.02	.04	.01	.04	.01	.01					.06 .05 .38 .11 .03

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-	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
HUNTSVILLE 6 NIDWAY MOULTON MUSCLE SHOALS 6 PETERMAN TONEY		.01	.01	.01				.04						*	. 29	.01	*	*	.08		-	-	-	-	
ANNISTON WB AIRPORT 6 ASRLAND // ATMORE STATE PARM AUBURN SCS 10 BELGREEN DADEVILLE NO 2 EUTAW LOCK NO 7				****	.03	.02			.02			-71	:h-	*	*	, * ! *	1.61	*	.01	.01	* .06			.01	
FORT PAYNE LAY DAM LOCK NO 1 // MAGNOLIA MARION 1 MILE SSE MOBILE WB AIRPORT 6 MOULTON MUSCLE SHOALS 6	٠		*	*	*	*	.19	*	*		* .05	*	*	.06	.01	.02	.32	.42	.04	.05	.02	*	. 19	.01	1.0
NEW BROCETON PETERMAN RIVER PALLS 2 MILES NE THORSBY 1 MILE SW												-81		.01		.03	.04	.02		.02	.03	!	. 35	.12	.6
ATHORE STATE FARM BERRY BEXAR 2 MILES SE BIRMINGHAM WB CITY CAMPBELL	1.49	-	_	_	_	_	-	~					.11	.02	.13	.02	.01	.04	.01	*	.01	.02	.01	b	
DADEVILLE NO 2 EUTAW LOCK NO 7 CARDEN CITY GREENVILLE NO 2 LAY DAW LOCK NO 1 ARTON 1 MILE SSE	.01			*	*		.01		*	.31				.16		.01 .01 .05	.15	.01				.01	.01		.0
MEW BROCKTON PETERMAN RIVER FALLS 2 MILES NE PHORSBY 1 MILE SW CONEY	.03												.04	.19	5	.38	.05	.01	1	.02		.01			.0
ABBEVILLE INNISTON WB AIRPORT 6 ITMNORE STATE FARM SIRMINGHAM WB CITY AMBBEL ADBEVILLE NO 2 AAGNOLIA GOBILE WB AIRPORT 6 GOBILE WB CITY TEXTRAN TRAFFORD	.03									.01	.34	.20 .01	.05	.11	.07 .10 .15	.29 .01 .01 .04	.01	.01	.23	*	*	*	*	*	.3
ABBEVILLE USHLAND // UBURN SCS 10 SERRY SEARA 2 WILES SE AD DEVILLE NO 2 ZUTAW LOCK NO 7 TALETVILLE JACKSONVILLE AGGNOLIA							*	a	*	٠	*	-10t	* .02 .64 .04 .01	* .12 .02	.55	.08	.01	,02	.01	.01					.1 .5 .1 .6 .4
GOBILE WB AIRPORT 6 GONTGOMERY WB AIRPORT 6 MONTGOMERY WB CITY EFERMAN INVERSITY VERNON	.02		1									.02	.40	.04	.01	.12	.14	* .01 .02	.02	.01					.00.33.11.44.3
ASHLAND // ATMORE STATE PARM AUBURN SCS 10 BIRMINGHAM WE CITY BARION 1 MILE SSE WOBILE WE AIRPORT 6 PETERMAN												11t	h-			.01	.14	*	.03	.18	!	.17		.40	.1:
ATMORE STATE FARM UUBURN SCS 10 SIRMINGHAM WB CITY CAMPBELL DA DEVILLE NO 2 SUTTAW LOCK NO 7											-	-12t	h—	.11	.02	.71			. 28	.01	.23	.01		.06	1.3
JACKSONVILLE LOCK NO 1 // MAGNOLIA MARION 1 MILE SSE MOBILE WB CITY MUSCLE SHOALS 6 PETERMAN	.01															.03	.06		1.22	.02	* .14		.01	.01	.00
TRAFFORD TUSCALOOSA AIRPORT 6 UNIVERSITY VERNON														.28	.01	.02	.04	.07		.04	.05		.01	.05	.5

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DISON							ı			.12		-13	LII		١.	21		1			1		
WNISTON WE AIRPORT 6				1										0		02		.90			1		
MORE STATE FARM LGREEN	.03	.01		İ	.01								27										
RRY													.37									- 10	
KAR 2 MILES SE AZ						.04								.10		01			.01				.02
MPBELL .	.01							.01											.01				.02
THAN CAA AIRPORT	-	-	-	-	_	.01	.04	-	-	-		}			- 1			1					
RDEN CITY											.07		05	.01	02	01					.01	.01	
CKSONVILLE													.33		.02	7.							
CK NO 1 // RION 1 MILE SSE	.01			.01												.0	9 .35						
WTGOMERY WB AIRPORT 6	.03			1			İ	9					.13		* *			.21					
NT ROCK	.00						1			1								1	2.24	.06	1		
'ERMAN																		.01	.03		.40	.05	
AFFORD SCALOOSA AIRPORT 6	.31						.01	.01										2 00					
VERSITY	.31													-			4 .09						
NON															i			.55			1		
												-14	th-										
EVILLE													.01	.21	.29 .0	0, 0	1 .21	.02					.10
DISON HORE STATE FARM													.03	.17	.05 .0	0.0	1						
BURN SCS 10																.0	5						
LGREEN	*	*	*	*	*	.01	.01	*	*	*	*		*	*			.95						
TAW LOCK NO 7												,				3 .0		1			.02		
TSVILLE 6				*	*		.10					0	.03								1		
NOLIA BILE WB AIRPORT 6																. 4	0 .31			*	8		
JLTON															.09 .0	1	.01	.01					
BROCETON															.01		-						
				1								10	L.		1								
EVILLE	06	.02		0.3	.07	15	0.7	0.1				-15		0.1	03		07	0.0			1		
ISTON WB AIRPORT 6	.06	.02			.07	.15	.01	01				10	.04		.03		.97	.23			*	*	
LAND // ORE STATE PARM			.02	.06						1				.02	.01		.01						
URN SCS 10						.05	.09	.04	.06			0."											
GREEN EVILLE NO 2		.01		ļ		.01			.01	.03		.31	.02		.03	. 0	2 .01						
HAN CAA AIRPORT AW LOCK NO 7				.04	.01	.01							.02	.03	.01								
T ROCK												-			.09 .0	1				4			
T PAYNE KSONVILLE							.01				.02	.07			.09 .0	1 .0	2				.23	.01	.02
ILE WB AIRPORT 6	. 59															1 0							
TGOMERY WB AIRPORT 6														0 1		1.2	1	.40					
TTGOMERY WB CITY CLE SHOALS 6															.0	7 *	*	.06			I		
BROCKTON												*	*		*	*	*	.00					
				!								16	h-										
EVILLE						.01	. 05			1		-161	.09			. 22	2 .01	1					
HISTON WB AIRPORT 6	2.16						. 50	*	*	*	*	*	.01						#	*	*	*	*
RURN SCS 10													*	8 1		.50	*						
MINGHAM WB CITY			.01												.01		.45			1.10	.01		
PBKLL			.01								.04	.03				.61	.02	.01		2,10	.01		
T ROCK T PAYNE													.32	.40 .	.04 .0	2 .02	3	.18		.02			
ENVILLE NO 2														.49 1.						. 02			
TERSVILLE REC		9				*	. 09				*	*	*	* .	.15								
EKSONVILLE DAM	.01															.04	.01						
ILE WB AIRPORT																*	* .01	.01					
TLE WB CITY CLE SHOALS 6																- 8		.03			.23		
BROCKTON						20	.06	0.4							*					8	*		2.09
NT ROCK ERMAN						. 59	.06	.04							10 .2	7							
MER FALLS 2 MILES NE DRSBY 1 MILE SW									.11	.03	.07				-			1	.73	.17			
TEY				.02		1						00	0.00		08			1					Ī
Y											.01	.08	.07		1.1	1							
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	.15		1			1								ai a		. 40	.20	.01					ļ
ISON ISTON WB AIRPORT 6			,										10		01 .0								Į.
ISTON WB AIRPORT 6		*	*	*	æ	* !	0	*	+	*	0		.10					0	*	+			.16
ISTON WB AIRPORT 6 LAND // URN SCS 10															02 24 .0	6							
ISTON WE AIRPORT 6 LAND // URN SCS 10 RY AR 2 MILES SE	*																						
ISTON WB AIRPORT 6 LAND // URN SCS 10 EY AR 2 MILES SE MINGRAM WB CITY Z Z		.04	İ			-01			.12	.01	.04	.06											
ISTON WE AIRPORT 6 LAND // URN SCS 10 RY AR 2 MILES SE MINGHAM WE CITY Z FYILLE NO 2	٠	.04	Ì	.64	.01										07								
ISTON WE AIRPORT 6 LAND // URN SCS 10 RY AR 2 MILES SE MINGRAM WE CITY Z EVILLE NO 2 RAN CAA AIRPORT T ROCK		.04		.64	.01							.01			01	2 00				į			į
ISTON WE AIRPORT 6 LAND // URN SCS 10 RY AR 2 MILES SE MINORIAM WE CITY Z EVILLE NO 2 HAN CAA AIRPORT T ROCK DEN CITY TERSYVILLE REC	٠	.04	.51	.64					,					.01 .	01 .0:	2 .02	.35			İ			į
ISTON WB AIRPORT G LAND // URN SCS 10 RY AR 2 MILES SE MINGHAM WB CITY Z EVILLE NO 2 HAN CAA AIRPORT T ROCK DEN CITY TERSVILLE REC KSONVILLE		.04	.51									.01		.01 .	01 .0	.46	.35						
LAND // URN SCS 10 RY AR 2 MILES SE MINGRAM WB CITY Z EVILLE NO 2 EVILLE NO 2 EVILLE NO C		.04	.51						*		*	.01	.04	.01 .	01 .0	.46	.35			The second second			
ISTON WE AIRPORT 6 LAND // URN SCS 10 EY AR 2 MILES SE MINGRAM WE CITY Z Z EVILLE NO 2 HAN CAA AIRPORT T ROCK DEN CITY T RESSVILLE REC KSONVILLE DAM	.35	.04	.51						*		*	.01	.04	.01 .	01 .0	.46	.35	.02		a mana anna anna anna anna anna anna an			

Table 4-Continued						M Wa	ur end	line																AUGL	JST 19
Station	1	2	3	4	5	6	7	B	9	10	11	12	1	2	3	4	F. 5	M. Ho	7			10	1 ,,	10	Total
TROY	-			-				ы	-	10	11	12		4	3	7			1	.0:	9	10	11	12	-
UNIVERSITY VERNON				1		.19	. 24			.01	.01			.08		.01				, 0	,				
ABBEVILLE										.01	.01	-18									0.	2 .01			
ASHLAND // ATMORE STATE FARM AUBURN SCS 10				(,			:		.12					.06		. 24		.02	.01			
BERRY BEXAR 2 MILES SE BOAZ				i			*	*	*	*	*	*	*	*	*	•	.01	.03							1
DADEVILLE NO 2 DOTHAN CAA AIRPORT EUTAW LOCK NO 7					. 48	.02		.01						.12				.01	.05	.06	.01				
FORT PAYNE GREENVILLE NO 2 HALEYVILLE	.01	.12	.08	.01			. 23				-	-	-	-	-	-	.06	-	-	-	_	-	-	-	
HUNTSVILLE 6 LAY DAM MAGNOLIA		*		*	*	*	.04							.23	.01	.04	01								
MARION 1 MILE SSE MOBILE WB CITY MONTGOMERY WB AIRPORT 6						. 39	.01									.23	.01		1.0			.01			
MONTGOMERY WB CITY MUSCLE SHOALS 6 NEW BROCKTON													00			.02	.47 *	*	.15		*		•	*	
PETERMAN RIVER FALLS 2 MILES NE THORSBY 1 MILE SW												.09	.06	.05			.01	.01	.19		.01				
TRAFFORD TROY			.01	.01		.01	.01	.01	.54		.01				.59		.01	.24	.02	.02	.01			.10	
TUSCALOOSA AIRPORT 6 UNIVERSITY VERNON	1							•	*	*	.02	.03	.03 1,26 .01	. 27	*	.01	*	*	1.68						1.5
ABBEVILLE												-19	th-						'						
ADDISON ASHLAND // ATMORE STATE PARM										.05	.29 .77	.01	.64	.19	.01	.49	.05	.01	1		.01				.5
AUBURN SCS 10 BELGREEN	1			,					.50	.01	0.7	.19	.18	.01	.40			.20	.78	.41	.01			.01	. 0
BEXAR 2 MILES SE BIRMINGHAM WB CITY BOAZ									.17	.01	.01	.01	.01	.03	. 64	.18	.01		1			.01			.8
CAMPBELL DADEVILLE NO 2 DOTHAN CAA AIRPORT													.01	.02	.05	.02	.01	.02		1.14	.03	.01		.01	1.2
EUTAW LOCK NO 7 FORT PAYNE GUNTERSVILLE REC								.13	,05	*		.01	*	.02	*	.10			*	*	*	*			.0
HALEYVILLE HUNTSVILLE 6 JACKSONVILLE		*	*	*	*	*	.01	*	٠	.55	.01	* .01	.85	.10											1.5
AY DAM OCK NO 1 // LAGNOLIA	,													.01	.01	.43	.84				.40	.21			. 6
MARION 1 MILE SSE IONTGOMERY WE AIRPORT 6 IONTGOMERY WE CITY	.03									.03				*	*	.19	.01	.01 * 1,08	.56						1.6
OULTON USCLE SHOALS 6 AINT ROCK								*	٠	* .02	.10	*	.72	*	.01	*	*	*	.11						. 1
ETERMAN EIVER FALLS 2 MILES NE HORSBY 1 MILE SW			.01	.01								.05	.07	.02	.02	.01	. 13	. 05	. 15						.4
TONEY TROY TUSCALOOSA AIRPORT 6								*					.10	*		*		*	.05	.01		*			.0
JNIVERSITY VERNON									.02	. 83	.01	.02		.54	.28	.01		.01	.02						1.7
ABBEVILLE	1										-	-20	th-				,04	.19							. 2
ADDISON ANNISTON WB AIRPORT 6 ATMORE STATE FARM	.01		.01		.01							.26	.01		*	* .57	*	*	.62	*	٠			*	. 2
BELGREEN BEXAR 2 WILES SE BIRMINGHAM WB CITY	1			.01						.47	.01	.31	.01	.01	.02	.01			.08						.8
AMPBELL DADEVILLE NO 2 EUTAW LOCK NO 7										.01		.01		.35	*		*	.41	.01						.3
FORT MORGAN // FORT PAYNE GARDEN CITY				1								.24	.64	.01			,11	.01	*	*	1.29				1.0
GUNTERSVILLE REC NALEYVILLE NACKSONVILLE	*	*	٠	*		*	.80					.74	, 20	.01	.01				.07						.8
LOCK NO 1 // LAGNOLIA LARION 1 MILE SSE	İ													.93	.10	03			.07						1.0
MOBILE WB AIRPORT 6 IOBILE WB CITY MONTGOMERY WB AIRPORT 6														.43	.01	.01	*	.64	. 85						.8
ONTGOMERY WB CITY WEW BROCKTON												1		•		.10	,58	.01	.15						. 5
PETERMAN FROY FUSCALOOSA AIRPORT 6	.01											ĺ			.07	.02	.42			*	*	*	*		.43
INIVERSITY												-21	ct—							. 15	.09				.24
ANNISTON WB AIRPORT 6	.01							*	*	*	*	*	.34								.01	.01			. 02
BERRY CAMPBELL CUTAW LOCK NO 7													*	*		.01	.03	.35	.01	*	*	*	*		.40
GUNTERSVILLE REC HALEYVILLE HUNTSVILLE 6														*		*	*	.06	.06	.06	*		.02	.02	.10
NTSVILLE 6			1									J		*	*	*	*	*	. 20	*	*	*		*	

Table 4-Continued	1																						AU	GUST	1949
					A.:	M. Ho	ar endi	ing									P. 1	M. Ho	ar endi	ng					73
Station	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
MAGNOLIA MOBILE WB CITY MOULTON MUSCLE SHOALS 6 NEW ERCCITON PAINT ROCK RIVER FALLS 2 MILES NE THORSSY 1 MILE SW TONSY TUSCALOOSA AIRPORT 6 UNIVERSITY VERNON	.14	.01	.05					.01	.02		.04	.04	.05	.07	* 47	.03	.01	.33	.49	.16	.17		.08	4	1.10 .01 .61 .03 .03 .08 .11 .75
BELGREEN BIRMINGHAM WB CITY DADEVILLE NO 2 GARDEN CITY HALEYVILLE HUNTSVILLE HUNTSVILLE 6 MOBILE WB AIRPORT 6 MOULTON MUSCLE SHOALS 6 PAINT ROCK VERNON	.08	.03	.02	.03	*	.02	.08	.07	.02	.04	.01	.01	.04	.01		.37				٠	٠	*	*	*	.10 .05 .55 .06 .02
ASHLAND // SEXAR 2 MILES SE SIRMINGHAM WB CITY FLAT ROCK GARDEN CITY EUNYSVILLE 6 MOSILE WB AIRPORT 6 MOULTON MUSCLE SHOALS 6	.80			*	*	*	.01	*	.01	.06	.01	.04	.42	.01	.08	.01	.01	.16	.01						.09 .15 .01 .09 .57
BELGREEN BEXAR 2 MILES SE EUTAW LOCK NO 7 FORT PAYNE MOULTON PETERMAN TOMEY TRAFFORD	*		*	*	.01	.01	1.53						th-	.01		,04	.06 1.29 .14	1,37							.31 .02 1.53 .05 2.66 .15 .05
BELGREN FORT MORGAN // MOBILE WB AIRPORT 6 MOULTON ATMORE STATE FARM MOBILE WB AIRPORT 6								.02		.14	.03		th—	*	*	*		*	.04						.02
ABBEVILLE BOAZ CAMPBELL DADEVILLE MO 2 JACKSONVILLE MO 12 JACKSONVILLE MO 6 MONIGOMEST WB AIRPORT 6 MONTGOMEST WB AIRPORT 6											-	27	th	.17	.05	.01	.30 .03 .24	.04	.17	.01	.01	.05	.11		.34 .04 .27 .17 .01 .04 .07 .18
THORSET 1 WILE SW ABBEVILLE ADDISON ANNISTON WB AIRPORT 6 ASHLAND BEKAGRERN BEKAGRE	.01		. 05	.01	.01	.28	.01				_	281	h-	.01		.03		.15	.02	.01 * .05 .04 .70 .01	.09	* .01	.01	*	.03 .08 .02 .79 .05 .80 1.06 .04 1.20 .04
GARDEN CITY EALEYVILLE RACHOLLE MARHON 1 MILE SSE MODILE WE AIRPORT 6 MOUTOW MUSCLE SHOALS 6 TUSCALOOSA AIRPORT 6 UNIVERSITY VEERON	.01					. 20						29	th-	* *	.14	.04	.01 * * .36	.01 * * *	.01 .15 .43 .24 .01	.30	.01	.10	.01	.01	.04 .20 .12 .45 .43
ADDISON ANNISTON WE AIRPORT 6 ASSILAND // BELGREEN BIRMINGEAN WE CITY CAMPERLL BODEVILLE NO 2 EUTAW LOCK NO 7 FLAT ROCK HALEYVILLE LAY DAN AND THE PROPERTY THE	.03		.01			.01		.01	.01	.01			,01	.27	.01	.01	.06	.04	.09	.01	.01				.02 .11 .01 .03 .11 .26 .31 .16 .30 .07

Table 4-Continued									~ ~	_														AUGUST	1949
St. t					AL 1	М Но	ır endi	ng									P. 1	М. Ноч	ır endi	ng					3
Station	3-1	,	١.	. d	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
LOCK NO 1 // MAGNOLIA MOBILE WB AIRPORT 6 MOBILE WB CITY MONTCOMERY WB AIRPORT G MONTCOMERY WB CITY MOULTON RIVER PALLS 2 MILES NE							.01	.04	*	.01	.05	.59	.06	.02	*	* * 1.15		.01	.35	* .19	*	*		*	.04 .02 .65 .59 .06
TRAFFORD TUSCALOOSA AIRPORT 6 UNIVERSITY														*	.58	.03	.01	*	. 21	*	*	*	*	*	. 62
ABBEVILLE							•				-	-30		1,02			.21	.09	. 04						,34
ADDISON ANNISTON WB AIRPORT 6 ASBLAND // BELGREEN BIRMINGHAM WB CITY BOAZ								* .	*	*	*	.07	.05	.34	.05	.01	.02	*	.07						.90 .13 .50
CAMPBELL DADEVILLE NO 2 DOTHAN CAA AIRPORT GARDEN CITY HALEYVILLE JACKSONVILLE						.01		.01		.02			.03	.04	.06	.01	.01		.07					.01	.01 .11 .07 .45 .36
LAY DAM LOCK NO 1 // MOBILE WB AIRPORT 6 MONTGOMERY WB AIRPORT 6 MONTGOMERY WB CITY MUSCLE SHOALS 6	.55	.03	.01	Production of the second									.14	.01	* *	*	.13		.08 .03 1.38 .02	.06			.01	.05	.15
NEW BROCKTON RIVER FALLS 2 WILES NE THORSBY 1 MILE SW TRAFFORD TROY TUSCALOOSA AIRPORT 6 UNIVERSITY	.02			F 4										.22	.01 .35 .56	.01	.07	.10	.02						.55 .24 .28 .36 .60
VERNON				1								-31	st-	.24		.13									. 37
ABBEVILLE ANNISTON WB AIRPORT 6 ASHLAND // BELGREEN		.01	* .01	.02	,06	* .05	.03				.04	.01	.10	.14	*		n		.01						.16
BERRY BIRMINGHAM WB CITY DADEVILLE NO 2 DOTHAN CAA AIRPORT FLAT ROCK	.02	.01	.01		.01		.02		.25	.01		.01			.01										.06 .27 .44
FORT MORGAN // GREENVILLE NO 2 JACKSONVILLE LAY DAM LOCK NO 1 //	-	.04		.25	.01	.59	01	-	-	-	-		-	-	7,11	.13	.01	-		-		-	^	-	.30
MIDWAY MOBILE WB AIRPORT 6 MOBILE WB CITY	-	-	-	-	-	-	-	-	-	-		-	.01	*	*	-	*	•	.01	-	-	1	-	-	.01

ALABAMA AUGUST 1949

Table 5													_				_												-	_	AUG	UST	1949
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	Day	of mo	nth 17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
ALEXANDER CTY 6 NE	MAX	88	83 71	88	89	92 68	94 67	93 68	92 68	92 69	93 68	93 87	94 68	90 68	89	90 74	91 75	90 76	89 72	86 72	90	73 65	72 62	85 64	87 60	91 63	92 65	87 71	91 72	91 62	88 66	87 68	88.7
ANDALUSIA	MAX	95 70	89 68	88 68	87 68	86 67	90	92	94 71	92 70	92 69	90 70	91 71	93	93	93 74	90	92 73	93 73	93 71	93 70	93 68	88 66	87 64	86 64	90	93 68	93	89 70	92	94	93	91.1
ANNISTON WB AIRPORT	MAX	91 68	85 70	89 69	91 69	92 68	94 64	94 67	93 67	93 70	94 70	95 68	95 68	92	91 70	87 73	91 74	89 74	92 73	90 71	89 71	72 62	70 62	83 64	87 62	92 64	91 66	87 69	90	89	88	87	89.1 67.8
ATMORE STATE FARM	MAX	92 71	82 69	90	88 71	94	95 71	94 70	92 71	92	92 70	93 71	93 72	92 72	94 73	88 74	93	93	93 75	90 73	94	86 70	84 69	87 66	90	93	95 69	91	93	94 70	94	92	91.4
AUBURN	MAX	93 67	88 66	83 70	85 67	90 64	93 68	95 71	94 69	93 69	93 66	92 67	91 67	92	92 69	87 72	88 72	87 73	87 74	90 72	85 70	90 66	70 61	73 63	85 61	89	91 67	92 69	85 69	91	93 66	92 67	88.7 67.7
BAY MINETTE	MAK	89 70	85 70	89 70	88 70	93 69	93 71	92 68	92 69	92 70	90 75	92 72	93 73	93 73	93 73	91 74	90 72	90 73	93 75	93 74	94 70	86 69	85 71	90 66	91 68	90 67	93 67	90	93 70	91 70	93 72	90 71	90.9 70.7
BIRMINGHAM VB APT	MAX	89 69	87 70	87 69	90 70	92 68	91 68	91 68	93 69	90 71	93 69	93 70	95 70	95 71	93 72	92 75	90 75	90 74	90 74	84 71	87 71	72 65	69 62	81 65	85 63	90	92 68	89 72	91 64	90 64	84 67	89 66	88.5 68.8
BIRMINGHAM WB CITY	MAX	91 69	86 70	90 68	91 71	92 69	93 69	94 69	95 70	93 71	96 70	97 71	98 73	96 72	93 73	93 73	92 75	91 75	94 75	86 72	87 72	75 68	69 62	82 65	87 64	92 66	94 70	92 72	93 67	92 66	84 67	89 68	90.2 69.7
BREWTON 3 MILES SSE	MAX	91 68	86 68	91 68	89 71	93 66	95 68	95 69	93 69	93 65	91 66	92 69	94 72	94 71	94 71	89 70	90 72	91 73	92 73	90 71	94 71	88 67	85 70	88 64	92 64	91 62	92 61	89 67	93 68	94 66	94 67	92 68	91.5 68.2
CENTREVILLE	MAX	90	90	95	93	95	97	93	92	94	95	96	97	95	95	94	93	92	96	88	89	80	72	85	90	90	95	95	95	96	93	94	92.1
CITRONELLE	MAX	94 71	84 70	86 70	87 72	90 71	92 71	91 72	92 70	91 71	90 71	92 72	93 74	92 72	94 74	92 75	90 73	90 75	92 75	93 74	94 72	84 69	86 69	87 67	88 68	89	92 70	92 73	94	94 73	92 72	90	90.6
CLANTON	MAX	95 69	88 70	88 70	91 71	91 70	93 68	94 69	94 67	90 70	92 71	92 70	93 70	94 70	93 71	92 72	92 75	92 74	92 73	92 72	84 70	89 71	73 63	72 63	83 63	88 65	90 67	91 70	90 70	92 65	91 67	90 69	89.7 69.2
CORDOVA	MAX	93 74	92 73	93 72	90 70	93 68	92 67	90 69	94 68	92 70	93 70	95 68	96 69	95 71	93 69	95 70	92 71	95 74	93 71	83 74	85 70	80 70	75 65	85 65	92 65	93 64	94 63	94 68	93 68	90 68	89 70	89 68	90.9 69.1
DAYTON	MAX	85 70	88 72	90 70	90 71	92 69	94 69	93 70	92 71	92 70	94 71	95 70	96 71	93 70	94 72	95 74	92 72	92 75	92 71		94 72	87 72	82 66	84 64	88 66		94 68	93 71	93 70	92 68	92 72	90 69	91.3 70.2
DECATUR	MAX	87 66	88 70	90 69	89 71	88 70	91 70	86 69	87 72	89 73	92 71	94 72	94 74	93 71	94 73	89 73	89 76	90 74	92 75	85 74	85 72	77 68	73 63	80 68	85 66	89 65	92 70	92 72	89 70	85 68	86 68	87 69	88.0 70.4
DOTHAN CAA AIRPORT	MAX	91 70	81 68	86 71	92 70	92 68	94 71	95 72	94 70	94 71	87 70	89 70	91 69	92 70	87 71	91 74	90 74	93 73	93 72	90 72	93 72	91 69	85 67	88 66	92 67	93 66	92 70	88 71	93 70	95 70	95 69	88 69	90.8
EUPALA	MAX	90 70	83 68	87 73	90 71	92 73	95 75	94 71	94 71	92 72	90 69	92 71	92 70	92 70	95 73	90 75	90 74	92 73	88 75	90 73	93 74	90 71	80 66	86 68	92 65	93 66	93 70	97 72	91 70	94 69	94 69	88 70	90.9
EVERGREEN	MAX	91 70	92 67	91 71	90 69	87 66	91 68	94 69	93 68	93 68	92 68	93 70	93 71	94 70	92 73	94 71	93 72	93 72	93 72	92 70	90 70									95 73	95 67	94 67	92.4 69.7
FAIRROPE	MAX	94 67	87 68	89 68	90 70	92 68	92 70	94 66	92 67	93 68	93 68	94 70	96 72	94 71	92 72	92 73	90 70	91 75	94 75	93 72	94 67	89 68	88 68	90 64	91 64	90 66	95 66	92 69	96 69	93 71	92 70	94 69	92.1 69.1
FAYETTE	MAX	92 64	90 64	90 66	94 67	90 66	92 66	95 67	93 67	94 69	92 68	92 68	96 68	98 68	93 70	94 71	94 73	91 72	92 74	89 71	87 70	89 67	81 65	75 61	79 61	88 60	91 63	92 67	95 69	94 64	91 66	87 67	90.7 67.1
FORT MORGAN	MAX	90	85 71	87	90 79	90 75	92 77	92 78	90	89 76	92 77	91 77	93 76	96 77	92 78	89 78	90 77	90 79	91 80	92 80	92 70	88 77	88 74	90 73	89 71	88 74	91 77	91	91 77	91 72	91 74	90 74	90.4 75.8
FRISCO CITY	MAX	93 70	89 68	85 68	90 70	84 68	92 70	92 70	92 70	93 68	90 69	91 70	93 71	95 71	94 72	94 72	88 73	91 73	92 74	92 72	89 70	93 68	85 66	84 65	86 66	90 65	91 68	92 71	90 68	93 69	95 68	94 68	90.7 69.4
GADSDEN	MAX	92 64	92 68	86 70	90 65	93 64	94 64	94 66	94 67	96 67	94 67	95 66	98 66	96 69	95 68	96 73	90 74	93 75	97 73	96 72	90 72	93 67	70 62	70 63	85 62	89 61	92 62	94 70	92 72	93 63	91 64	92 68	91.4 67.2
GENEVA	MAX	96	92 67	81 70	86 68	92 68	94 68	95 69	97 68	95 69	94 68	90 68	94 69	94 69	94 70	93 74	92 73	91 70	94 72	93 70	95 71	96 68	93 67	87 64	90 65	93 64	96 68	95 70	90 70	96 70	95 68	94 69	92.8 68.8
GOODWATER	MAX	92 69	90	82	89 68	89 68	92 67	93	92 67	91 70	91 69	90	92 68	93 70	90	88 74	90	91 75	90	88 73	88 70	88 67	68 61	71 63	85 61	86 64	90	91	85 71	91 65	92	88	88.3 68.6
GREENSBORO	MAX	94 71	84 69	89 70	91 71	66	95 70	97	94 69	96 71	96 72	97 71	99 72	97 70	97 72	96 74	95 74	90 75	92 75	90 72	1 1	85 70	75 65	87 63	90 65	67		92 72	93 71	92 67			92.0
GREENVILLE	MAX		82 68	87 71	87 70	68	92 70	93	93 72	92 71	91 72	91 71	93 72	92 72	92 73	90	0.0	89	90	90 72	91 71	87 68	79 66	85 66	87 66	90 65	D 40	89	90	91 69	00	87 69	89.3 70.3
HALFYVILLE	MAX	63	86 64	67	69	85 69	68	88 70	88 70	88 71	86 70	70	72	93 69	87 69	90 70	90 73	88 73	91 73	90 73	85 70	89 69	77 65	74 62	76 65	83 63	86 64	90 69	90 75	87 69	85 65	83 66	86.5
HIGHLAND HOME	MAX	85 68	84 70	89	89 69	91	92 72	91	91	70	70	90 70	92 70	91 70	70	93	87 73	90 73	90 70	70	91 69	85 67	76 64	83 64	65	90 65	92	69	90	67	68		88.8
HUNTSVILLE	MAX	64	67	70	69	91 68	91 66	70	70	91 68	93 66	95 68	95 69	69	73	90 74	89 75	93 72	94 73	85 69	68	76 65	74 64	63	87 60	90 62	92 64	91 74	67	87 60	90 64	89 65	88.8
LA PAYETTE	MAX	86 67	67	87 69	68	90 67	93 69	93 70	92 70	91 70	91 67	91 67	92 68	91 69	85 69	70	71	89 72	73	69	68	72 63	72 60	85 65	63	90 66	91 67	85 68	65	90	66	67	87.9 67.5
LINCOLN	MAK	0.7		0.7		-					0.7	0.7	0.7	00	0.7			0.1	0.5	0.	0.0	0.0	0.0	0.5	90	93	94	90	91	90	86	88	-
LIVINGSTON	MAK	72	69	69	72	68	69	71	69	71	96 71	95 71	73	72	72	75	74	75	75	72		71		85 65	65	65	67	70	70	68	72	71	70.3
LOCKHART	MAX	70	90 68	71	70	68	70	73	70	70	91 69	70	90 70	72	72	70	75	74	74	92 72	72	70	91 68	85 65	86 64	91 65	92 68	72	70	93	70	92 69	90.7
LOCK NO 4	MAX	67	86 69	90 69	69	70	92 66	91 69	92 67	90 66	93 68	93 68	94 68	93 70	95	73	72	73	74	86 72	72	65	70 62	63	8.0	91	95	0.0	9.0	Re	80	9.0	89.2 68.8
MADISON MAXWELL FIELD	MAX	60	65	91 65	90 67	90 65	90 64	64	90 66	92 67	93 64	95 66	95 67	94 66	93 67	93 67	93 68	93 68	95 72	85 66	67	64	77 59	63	59		93 63	93 68	88 68	62	62	63	89,7 64.9
	MIN	72	71	73	73	71	73	74	93	73	73	72	95 74	92 74	92 75	95 77	76	93	77	74		67	75 66	86 68	68	70	70	73	72	70	72	71	72.3
MOBILE WE AIRPORT	MAX	90 71	70	88 70	72	72		71	93 70	93 72 93	71		73	93	73	73	73			74	68	70		67	90 67	88	93	71	71	93		71	91.0
- CITI	MAX		72				74	74	72	71		193 73														69		73	73	73			91,3
										Se	e reie	rence	notes	follow	ring S	lation	Index	L															

DAILY TEMPERATURES

Table 5-Continued									D	AI	LY	T	ĽΜ	lPI	ER	AT	UH	ES	5												ΑŪ		ABAMA 1949
																Day	of mo	nth															age
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
MONTGOMERY WB APT	MAX	88 70	84 69	90 72	88	95 68	95 71	95 72	94 70	95 71	93 70	94 70	95 71	91 72	92 74	93 74	92 74	92 75	90 74	88 72	90 72	76 66	76 64	84 66	88 65	91 67	94 69	90 70	91 71	94 67	90 69	89 70	90.2 70.2
MONTGOMERY WB CITY	MAX	86 69	83 70	91 72	88 72	91 71	94 73	95 74	92 72	95 73	90 72	93 72	94 73	92 73	90 74	94 76	92 75	92 76	91 74	88 72	89 72	74 66	76 65	84 66	89 67	90 70	92 72	88 73	92 72	94 70	90 71	89 70	89.6 71.5
MUSCLE SHOALS	MAX	85 63	89 64	91 68	90 70	89 69	86 68	88 70	88 69	89 71	89 68	93 69	95 71	90 69	90 71	88 71	88 74	93 72	94 76	79 71	83 68	75 65	75 64	77 66	88 64	92 63	90 68	90 71	86 68	86 67	87 66	87 67	87.4 68.4
ONEONTA	MAX	90 64	91 68	85 67	90 65	90 65	92 65	92 67	91 67	94 67	93 66	94 65	95 67	97 68	94 70	94 72	94 72	92 73	95 73	94 73	90 71	91 67	70 60	69 61	88 61	88 60	93 63	95 66	90 70	91 61	93 65	91 66	90.5 66.6
OZARK	MAX	89 69	84 67	85 71	90 70	91 68	93 71	94 72	93 70	93 71	89 68	90 70	92 70	91 71	90 71	87 74	87 73	92 72	90 74	92 71	93 72	88 69	81 66	84 65	90 67	93 67	93 70	87 72	91 70	94 70	94 70	89 69	90.0 70.0
PRATTVILLE	XAM	88 70	85 70	89 70	89 70	92 69	95 70	94 71	93 70	93 71	93 72	93 70		94 71	92 73		94 75	92 77	91 75	89 73	90 73	74 69	75 65	84 65	89 64	92 66	93 67	89 72	93 72	93 67	92 69	90 70	90.0 70.2
PUSHMATAHA	MAX	91 70	84 67	85 68	87 69	87 67	89 69	90 71	89 70	89 69	91 70	91 71	92 73	91 72	92 70	92 74	89 74	90 74	89 74	89 73	92 73	92 73	72 68	80 63	84 64	86 65	90 66	92 66	91 70	92 68	92 68	92 69	88.8 69.6
ROBERTSDALE 7 MI E	MAX	90 70	85 69	87 70	89 71	91 68	93 67	92 69	91 69	91 69	93 72	93 73	90 73	93 73	92 73	73	86 72	72	92 70	92 74	94 71	89 70	86 70	90 61	89 65	89 67	93 67	91 70	93 70	90 71	91 70	91 70	90.5 70.0
ROCK MILLS	MAX	91 70	85 68	90 70	92 69	96 68	97 65	99 67	97 70	95 70	91 67	95 67	93 68	93 68	90 68	90 74	90 73	87 75	93 73	91 72	72	76 64	73 61	86 64	90 60	92 62	93 64	90 70	92 68	92 64	90 66	88 68	90.6 67.9
SAINT BERNARD	NIN	87 62	89 61	85 67	90 64	90 65	90 67	90 64	88 66	91 67	91 65	92 64	95 65	95 65	93 67	93 67	92 71	91 69	92 70	91 69	86 69	92 69	74 59	73 59	84 65	92 58	90 60	94 66	91 67	87 61	87 62	88 65	89.1 65.0
SCOTTSBORO	MAX	89 65	89 65	89 68	90 69	90 69	91 67	89 67	88 68	90 67	92 67	94 69	94 69	92 71	94 71	94 74	92 73	92 72	93 75	81 71	88 68	75 65	75 62	86 65	89 66	93 63	94 66	92 69	89 71	89 64	90 64	88 67	89.4 68.0
SELMA	MAX	90 70	84 70	88 70	88 72	90 70	92 71	91 70	90 71	91 72	91 72	91 70	92 71	90 71	90 73	91 75	90 75	89 76	90 74	88 72	88 72	81 71	77 65	80 66	85 71	89 72	94 69	93 71	92 71	93 67	93 71	91 70	89.1 71.0
SPRING HILL	MAX	89 71	88 70	82 70		90 71	93 73		92 70	95 70	94 71	91 71	94 74			94 74	91 74	91 75	91 75	93 76	95 74	97 69	87 70	87 68	90 67		91 67	94 72	92 72	94 75	89 72	91 72	91.4 71.7
TALLADEGA	MAX	91 68	87 70	89 69	90 69	92 68	94 67	94 58	92 68	93 71	95 70	95 69	96 69	92 70	92 70	94 73	92 75	92 76	91 72	90 75	89 71	76 66	70 63	85 64	90 60	92 64	96 65	90 68	92 68	91 63	89 66	87 69	90.3 68.5
THOMASVILLE	MAX	87 67	85 69	90 69	86 72	91 69	92 70	93 71	92 71	92 69	92 69	91 69	93 71	93 70	92 72	92 73	93 72	91 74	91 72	92 72	93 70	80 69	80 66	85 67	88 67	91 67	93 70	91 71	92 69	93 66	91 69	89 67	90.1 69.6
TROY	MAX	95 70	88 67	81 71	85 70	89 69	91 71	93 72	94 70	93 71	93 69	91 69	91 70	93 72	92 71	88 74	90 73	89 73	93 73	90 71	91 71	92 69	85 64	80 64	90 65	90 67	91 70	92 71	86 70	91 68	94 68	93 68	90.1 69.7
TUSCALOOSA AIRPORT	MAX	91 70	92 71	94 68	94 72	96 68	96 68	95 69	96 68	93 72	94 69	99 69	98 71	96 70	95 71	96 73	95 76	94 76	93 74	88 72	91 72	79 69	75 65	85 66	90 64	94 65	93 67	94 71	95 69	94 67	90 69	91 67	92.5 69.6
TUSKEGEE	MAX	89 70	86 70	89 72	90 69	92 69	94 70	94 71	92 69	94 71	92 69	91 69	92 69	92 72	90 71	91 74	89 73	92 75	86 73	88 72	93 71	80 68	75 66	83 67	92 67	94 69	95 71	90 70	92 72	95 66	95 68	90 69	90.4 70.1
UNION SPRINGS	MAX	92 67	84 66	85 66	90 67	92 66	95 68	96 68	95 68	94 68	94 67	93 67	95 67	95 67	88 69	88 72	89 71	92 72	89 72	88 71	90 69	78 66	76 62	85 63	90 63	94 65	95 65						90.1 67.4
UNIVERSITY	MAX	89 71	88 71	92 70	92 74	95 70	95 69	96 70	93 69	94 74	93 71	98 72	96 72	94 71	95 72	97 74	96 77	93 77	94 75	85 73	90 72	78 69	75 69	84 68	90 66	94 67	94 69	94 72	95 70	94 67	90 70	89 71	91.7 71.0
VALLEY HEAD	MAX	87 64	83 69	84 65	86 65	90 64	89 62	85 65	89 61	90 61	90 62	91 62	92 63	92 64	91 66	91 65	91 67	91 67	90 68	80 66	90 65	80 69	76 65	85 63	84 64	89 57	89 60	91 67	84 68	86 60	86 59	84 64	87.3 64.1
WETUMPKA	MAX	87 70	84 71	89 71	89 70	91 69	95 72	94 71	92 71	95 73	89 72	95 70	94 72	90 73	92 73	94 76	90 76	90 76	89 76	84 74	88 72	75 68	75 66	86 66	89 66	91 68	93 70	88 73	93 72	91 68	90 70	87 70	89.3 71.1

EVAPORATION AND WIND MOVEMENT

Table 6																								,										
																Day	of m	onth															78	eture
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Tot	from a port
AUBURN	WIND	.22		.12			.27			.23		.23	.17	.16	.21	.04			.07				.04 13	.15	.05	.20	. 27	.26 18	.21 80	. 26	.21	. 23		
FAIRHOPE	KAND	.24		.17	.18	. 23	.18	.25	.17	.22	.22				.17	.20 19	.33			. 22 56						.13	.18 13		.48 50		.19	. 22		

Station	Index No	County	Drainage:	Latitude	Longifude	Elevation	Temp.	non	Observer	Refer to tables	 Station	Index No	County	Dramage;	Latitude	Longitude	Elevation	Observation trans	ac		heter to tables
ARREVILLE ADDISON ADDISON CENTRAL TOWER ADDISON CENTRAL TOWER ADDISON CENTRAL TOWER ADDISON CITY 6 MI ME ALICEVILLE LV. ANNISTON WB AIRPORT	0063 0071 0117 0140 0148 0163	HENRY WINSTOW LAWBENCE LIMESTOWE WILLOOX MARSHALL TALLAPOOSA PICKENS COVINGTON CALHOUN	1 13 11 13 6 7	32 14 34 16 32 59 33 08 31 19 33 35	85 15 87 10 87 18 86 51 87 25 88 13 85 52 88 10 86 30 85 51	1500 600 1114 660 346	1P 6P 8A WID	MID F 7A C 3F A 8A 1 1P F 6P F 7A 8 8A W	J. P. MITCHELL ALMOR GODSTY J.S.F.S. U.A. FOLY THET INMED J RAKEY, SR PAT M. COURINGTON P. E. BLACKBURN OSIE PHILLIPS TW M CARRETT J.S. WEATHER BUREAU	3 4 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	LOCK NO 1 LOCK NO 2 LOCK NO 3 LOCK NO 4 LOCK NO 4 LOCK NO 17 MADISON MAGELLA MACHOLIA MARION I MILE STE MARION I MILE STE MARION JUNCTION	4835 4840 4845 4855 4976 4996 5004	CLARKE CHOCTAW CHOCTAW CHOCTAW TALLADEGA FUSCALOWSA MADISON JEFFERSON MARENGO PERRY DALLAS	13 13 7 2 12 13 1 1	32 08 32 17 13 38 53 29 34 42 33 30 32 08 32 77 32 26	88 01 88 02 88 01 86 11 87 20 86 45 86 51 87 39 87 18 87 14	11 23 33 510 280 573 654 263 204	7F 6P 1	7A U. S. ENGINEERS 7A U. S. ENGINEERS 7A U. S. ENGINEERS 7A U. S. ENGINEERS 7A U. S. ENGINEERS 7A U. S. ENGINEERS 6P HARRY F. CARTER 6A HABAMA POWER CO. LID. IZ. T. B. GAILLAS 8A UKRON IDLIFIE 8A MRS. MARGARET SMIT	D 0	3 4 3 3 3 05bl 5 21 49 3 3 5 3 4 3 4
ARLEY ASSILAND ASSIVILLE ATHORS ATHORS STATE VARM AUBURN SCS 10 AUTAUGAVILLE DARTON BAY MIMETTE	0338 0369 0377 0390 0402 0422 0427 0440 0546 0583	WINDTON CLAY ST. CLAIR LIMESTONE ESCAMBIA LEE AUTAUGA COLBERT BALDWIN	12 8 11 11 12 9	34 48 31 10 32 36 32 36 32 26 34 43 30 53	87 13 85 50 86 16 86 59 87 29 85 30 85 29 86 39 87 52 87 47	880 709 732 463 268	SA.	MID S BA J 7A T 7P G	N. B. WEIGHBORS VA-462 ROVER W. WOODWARD	3 4 5 3 4 5 8 3 4 5 8 3 4 5 8 3 4 5 8 3 4 5 8 3 4 5 8 3 6	MARTIN DAM MARWELL FIELD MEELVIN MEELVIN MEELVIN MEELVIN MILHES E MILWAY MILLERS FERRY MILLERS FERRY MILSTAD MITCRELL DAM MODSILE WB AIRPORT MOBILE WB CITY	5202 5354 5382 5397 5417 5439 5465 5478 5483	TALLAPOOSA MONTGOMERY CHOCTAW BIBB BULLOCK WILCOX WILCOX MACON CEILTON MOBILE MOBILE	11 7 9	32 27 32 48 30 41 30 42	85 54 86 27 38 12 88 02		MID M	6A ALABAMA POWER CO. 6P U.S. ARMY AIR FORC 7A JOICE R. LAND 8A USFS 11D MATTEW W. HALL 6A NORMAN D. WILLIAM 6A T. C. CARR 6A ALABAMA POWER CO. 11D U.S. WEATHER BURE 11D U.S. WEATHER BURE	8	3 3 3 3 4 3 3 3 4 3 3 3 3 4 3 3 3 3 3 4 3
BEXAR 2 MILES SE BIRWINGRAM WE AIRPORT BIRMINGHAM WE CITY BISROP POAZ BRANTLEY	0748 0790 0831 0836 0836 0854 0957	MONROE FRANKI IN PAYETTE MARION AUTHOCA JEFFERSON COLDERT MARSHALL CRENSHAW	12 13 1 2 2 12 2 6	34 12 32 40 33 34 33 34 33 34 34 39 34 13 31 35	87 13 1 87 52 1 87 36 1 88 09 1 86 43 1 86 45 2 86 50 8 8 05 8 8 16	284		WID TMID WID WID WID WID WID WID WID WID WID W	I. P. DUNN 'YA-47 WISS CLARA R. OLIVE 'ME. E. WHITEHEAD DEN WARIC WELLEN J.S. WEATHER BUREAU RES.CARRIE B.BORTON 'YA-42 ILLFORD H. DOOLEY R. E. HENDERSON	3 8	MONTE SAND MONTEVALLED AIRPORT MONTGOMERY WE AIRPORT MONTGOMERY WE CITY MOUSTLE SHOALS NEW ERCCETON MEXPERIOR MEXPERIOR MEXPERIOR MEXPERIOR MEXPENSION MEXPENSION MEXPENSION MEXPENSION MEXPENSION MEXPENSION MEXPENSION ME	5537 5550 5555 5025 5749 5842 5847 5862 5875		12 12 12 12 12 12 12 12 12 12 12 12 12 1	32 18 32 23 34 34 44 31 23 34 29 34 54 31 30	86 31 86 33 86 23 86 18 17 36 85 56 87 35 86 26 85 37	540 660 725 216	MID M MID M MID M	7A ITVA-530 **A Y THIFF **A Y THIFF **ID U.S. WEATHER BURE **IT TA A ITVA-644 7A TVA-644 7A TVA-624 **FURN WINN	2	3 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
PREWTON 3 MILES SEE PRIDEEPORT 2 MILES W BROWNIDGE CALERA CAMPELL CARBON HILL CETTER GROVE ATOM CEILDERSBURG	1099 1178 1288 1315 1377 1492 11.	ESCAMBIA JACESON PIKE SHELBY CLARKE WALKER MORGAN IN WASHINGTON TALLADEGA	7 13 2 12 13 7	33 06 31 58 33 54 34 23 32 53 31 28 33 17	87 03 6 85 44 8 85 49 6 86 45 8 87 59 4 87 32 9 86 38 7 H; 08 8 8 15 7 86 21	88 660 513 500 430 780 230	6P BA	7A 17 7A 17 7A 17 8A F 8A F	ERS. CLARA T. PEAVY LISS M.LOUISE JOHES SEO, L. HICKS SEO, L. HICKS EMMA P. BOLCOMES E. DOUGLAS REID MISS MARY C. RAY J.S. DEPT. INTERIOR V D SOLLIPIELD REV. MACK JONES LLABAMA POWER CO.	3 3 2 7 5 3 3 5 3	ONEOUTA ORRYLLLE OZARK PAINT ROCE PAINT ROCE PERRYLLE PERRYLLE PERRYLLE PIKE HILL PIKE LEVEL	6161 6218 6226 6246 6362 6370 6411 6460 6468	BLOUNT DALLAS DALE JACKSON JEFFERSON PERRY MONROE PICTENS WILCOX MONTGOMERY	5 12 3 1 1 1 6	32 18 31 23 34 40 33 44 32 37 31 35 31 17 31 59 32 04	86 30 87 14 85 39 86 20 86 39 87 08 87 16 38 10 87 36 86 04	857 200 400 610	5P M	7A L. E. SELLERS SA EDWARD B. WARREN SA MRS. MARY E. COOT IID TVA-69 SA ROBERT P. STORES SA MRS. GERTRUDS CRE TO MRS. MINTA EDDINS TO WES NOT TOWN I CLAY SA FIDELIA LYLES 7A C. W. ADAMS	T 2	5 5 5 3 4 5 3 4 5 5 3 4 5 5 3 4 5 5 3 5 5 5 5
CITROMELLE CLAWTON CATTON CATTON COFFEE SPRINGS COLLINSVILLE COLUMBIA CORDOVA CUBA DADMVILLE DAD	1694 1725 1807 1849 1865 1940 2079	WOBILE CHILTON RARBOUR CENEVA DE KALB ROUSTON WALEER SUMTER TALLAPOOSA TALLAPOOSA	7 5 5 7 5 2 13 11 11	32 50 31 10 34 15 31 18 32 46 32 26 32 50 32 50	88 14 86 38 85 27 85 55 85 52 85 66 87 11 88 23 85 45 85 46	331 590 590 255 734 130 334 215 760	6P 7A 6P	SA N 7A P SA I	G. O. JONES RUGH M. SIMPSON RUGH M. SIMPSON RUGH M. SIMPSON RUGH M. SIMPSON RES. S. CUNNINGHAM ROY THOMPSON RES. C. GRESHAM REUDEN P. BARRIS R. W. B. PULTON RAY D. LANE	5 5 5 5 5 5 5 5 5 5 7 7 7 7 7 7 7 7 7 7	PLANTERSYILLE PLEASANT GROVE SCHOOL PLEASANT BILL PRATTY ILLE PRIMMOSE PARM PUSHMATABA RED BAY REPORM REYER PALLS 2 MI ME RIVER FALLS 2 MI ME	6521 6526 6640 6684 6719 6805 6847 6937	DALLAS JACKSON DALLAS AUTAUGA MONTGOMERY CHOCTAW FRANELIN PICKENS COVINGTON COVINGTON	13 12 13 6 6	92 09 92 28 92 20 92 12 94 27 93 23 91 21 91 23	86 56 85 55 86 58 86 28 86 15 88 21 88 09 88 01 86 32 86 33	281 180 627	ju ju	SA O. E. BARNES 7A TVA-655 7A TVA-656 6P CONTINENTAL GIN C CONTY E. SLEBERRY 7A MRS. JANIE C. SRO 7A TVA-493 7A W. M. MC DONALD 8A JOHN R. BRAILEY ID ALABAMA ELECTRIC	00	33 4 5 5 5 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
DANCY DANYILLE DATTON DECATUR DECATUR OF A DECATUR NO 4 DECATUR SUBSTATION DECOPOLIS DOTRAN CAA AIRPORT ALBOA ELROD	2148 2168 2207 2216 2221 2340 2372 2577	PICENS MORGAN MARENGO MORGAN MORGAN MORGAN MORGAN MORGAN MORGAN MORGAN TO THE T	10 13	31 1: 31 2: 33 1:	1 88 17 87 04 1 87 39 7 86 58 7 86 59 8 86 58 1 87 51 5 85 27 5 86 04 8 7 48	207 595 573 600 588 100 322 204		8A 1 7A 1 MID 6 8A 1 7A 1	DOZIER B. ROBERTS L. V. BERRY	3 5 2 3 5 2 3 4 5 3 4 5 3	ROBERTSDALE 7 MILES E BOCK MILLS SAINT BERRARD SAND MYN. STATE FARM AP SAYRE SCOTTSBORD SEALE 7 MILES WHW SELMA SHEFFIELD TWA DRSY	7025 7157 7207 7282 7304 7310 7328 7366 7415	BALIWIN RANDOLDE CULLIAN DE KALB JEFFERSON JACKSON JACESOK RUSSELL DAILAS COLBERT	12 12 4 1	34 41 34 41 32 18 32 25 34 46	87 36 85 18 86 47 85 58 86 58 86 02 36 01 85 17 97 00 87 42	150 745 802 1195 304 660 660 358 147 505	6P 7A 6P	6P CARI BOSECK 6A JAMES B. BAILEY 7A PR. PREDERICK SMI 6P ALA. POLY. INSTITUT A DORA R. WEBSTER 6P MRS. EINZIE BOBO 7A TVA 7A TOA 8A B. G. BUSB 7A JORN O RHODES 7A TVA-49	TH 2	5 5 5 5 5 5 5
EUPAULA EUTAW LOCK NO 7 EVERWINDER FAIROPE FALLY ILLE FALLS CITY 6 WILES NW 15512 14 1007 FEAT GOCK FLORENCE AT LOCK	2742 2758 2813 2840 2848 2807 2845 2945 2976	BARBOUR GREENE CONCCUL BALDWIN MORGAN WINSTON WADISON FAYETTF JACKSON LAUDERDALE	9 12 2 12 12 12 12 12	30 31 34 21 34 04 34 31 13 4 34 41 34 41	3 85 08 7 87 50 6 86 58 2 87 55 3 86 55 4 87 20 6 86 34 1 97 50 9 85 41 7 87 40	254 340 23 620 650 670 359 1380 450	SA MID	7A 1 7A 1 8A 1	HARRY E. MADGANS Z. B. BOLBROOK BRS. JESSIE D. GOLSON BAROLD F. YATES TYA-384 DSFS LOIS V. VILLINGSWORTH TYA-37 U. S. ENGINEERS	3 3 3 5 6	SHORMAER SPRINGS SLOCOMB SHOW HILL SOUTH EILL SWAIN SWAIN SWAIN ATALLADEGA HORN MIN.TWR	7576 7620 7671 7733 7968 7994 8012 8032		12 7	34 53 19 10 34 34 33 20 13 18	87 12 85 35 87 01 86 02 88 10 86 13 86 17 87 40 86 14 86 04	225 990 175 665 548 1400 554 1919	9A 6P	7A TVA-682 6A PATRICK E, SMITE 7A MR° TVA P RAV 7A TVA-75 7A TVA-75 7A TVA-365 7A TVA-345 8A ALAPAMA DOWER CO 7A IVA VALE 9A USPS	1	3 5 5 7 4 5
FORT DEPOSIT WORT MINGSEN FORT PAYOR FRISCO CITY GA BERRY GARDEN CITY LENERA GOOGLATER GOOGLA	3043 3103 3151 3160 3200	LOWNDES THAT DETN DE KALB MONROE ETOWAB SUNTER CULLMAN THAT THAT HALKER	6 9 7 8 7 13 2	31 56 30 1 34 26 31 26 34 00 32 46 34 00	9 86 35 4 38 01 5 85 43 6 87 24 8 86 00 9 88 09 0 86 44 2 85 52 3 7 13	520 879 554 130 107 821 300	82 8A 7A 7A	8P 18A 17A 18A 18A 18A 18A 18A 18A 18A 18A 18A 18	MRS.ISABEL C. FUGEES TO H. CTANTEER JOHN W. PATE MRS. MELIA MCKEMZIE G. ERMEST HOLCOMB FRANK J. FIELDS MRS. G. MC KENZIE REFECCA CAMPBELL C. PUEVIS CONAWAY ALABAMA POWER CO.	3 4 5 3 4 6 2 3 5 2 3 5 3 4 2 3 5 5 3 5 5 3 5 5 5 5 5 5 5 5 5 5 5 5	THOMASYILLE TRORSDY 1 WILE SW TEURLOW DAW TIBBLE 2 MILES S TOWEY TRAFFOED TROY TUSCALOOSA AIRPORT TUSCALOOSA LOCK & DAW TUSKEGES	8204 8215 8223 8259 8285	CLAREE CHITON ELMORE WASHINGTON MADISON JEFFERSON PIKE TUSCALOOSA TUSCALOOSA MACON	111 13 12 10 10 10 10 10 10 10	32 34 32 32 31 20 34 54 33 49 31 49	87 45 86 44 85 54 88 15 86 44 85 58 87 37 87 35 85 42	288 226 750 590 170	M GIM	8A MRS. MINNIE DEATO 6A ALABAMA POWER CO. 8A HATTIE T. GIVENS 1D TVA-506 7A MRS. M. JOHNSON 8A THOMAS J. DILLARD 1D CAA 7A I. S. ENGINEERS 5P PLANT & SOIL SC D	2 7	5 5 7 4 5 5 5 5
CREENSDORG GREENVILLE MO 2 GREENVILLE MO 2 GULF SHORES 2 MI SSE GUTTERSVILLE CITT WTR GUTTERSVILLE DAE HALEVILLE DAE HALEVILLE BAHILTON BARRISBURG 6 MI SE BAYNEVILLE	3519 3524 3539 3578 3583 3620 3644 3697 3748	HALE BUTLER BUTLER BALDWIN MARSHALL MAR	12 12 13 13 1	34 26 34 26 34 14 34 08 32 48 32 11	2 87 36 0 86 38 0 86 38 5 87 40 2 86 17 5 86 24 4 87 38 3 87 59 8 67 11 1 86 35	220 444 10 610 611 947 498 600	6P	BA C MID 1 MDON C MID 7 7A 1 6A F BA L BA L	MAXINE E. WATSON	2 3 5 2 3 4 3 4 3 4 3 4 5 3 4 5 3 5 3 5	DATOM SPRINGS UNIONTOWN UNIVERSITY VALLEY HEAD VANCE VERNON WALLEY WALLACE WALLACE WALLACE WALLACE WALLACE WALLACE WALLACE WALLACE	8446 8454 8469 8477 8517 8605 8637 8648 8686	BULLOCE PERRY TUSCALOOSA DE KALB TUSCALOOSA LAMAR RANDOLPE ESCAMBIA ETOWAH LAUDERDALE	7 3 13 11 6 2	34 34 33 10 33 45 93 08 91 13 34 04 34 55	85 44 87 31 87 33 85 36 87 13 88 07 85 34 87 13 86 19 88 04	485 273 225 1031 180 640 850 445	MID M 8P	SA MRS. DOROTTY SMIT SA MISS MARY MARTIN ILD DR. F. E. MITCHEL SP MRS. CARRIE DALEY TA WM. F. VANCE ILD G. C. MOORE, JR. GA ALLBAMA POWER CO. TA HOWARD PETTIS TA MRS. FLORENCE PARE SP J. ELLIE TERRET	L 2	3 4 5 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
HELEMA BIGHTAND BOME BIGHTOW ME BOODES BUNTSVILLE SUBSTATION HUNTSVILLE STORM	3816 3842 3896 4060 4068 4099 4198 4209 4306	MADISON MADISON JACKSON TALLA DEGA CALHOUN ELMORE	6 11 13 12 12 12 7	31 57 33 32 34 20 34 42 34 54 33 32 33 46	3 86 51 7 86 19 2 85 24 0 87 56 3 86 35 8 6 35 8 6 05 2 86 12 8 5 45 7 86 15	611 610 1500 475	MID	6P I 8A B 6A I 6A I MID I 7A I	RUDOLPE ENGLAND LUKE JORDAN HRS. EARL LINDSET FRANK L. EAYNES TYA-65 L.S. WEATHER BUREAU TYA-78 LLABAMA POWER CO. FLOY E. OWEN ALABAMA POWER CO.	3 5 3 5 3 3 5 3 5 3 5 3 5 5 5 5 5 5 5 5	WEST BLOCTON WETUNDEA WHATLEY WHEKLER DAN WHISON DAN #INFIELD 2 MILES ST YATES BYENG PLANT YOUNGS STORE	8859 8867 8875 8980 8998 8103	BIBB ELMORE CLARKE CLARKE CLARKE COLDERT FAYETTE ELMORE LAUDER DALE	3 7 13 12 12 13	33 07 12 32 11 39	87 07 86 12 87 43 87 21 87 37 87 49 85 56	205 580 530 468 335 840	6A	SA RUPERT M. BEARDEM 6A MRS. D. R. WHITAK 7A ILBONARD L. COLEMA 7A TVA-52 6A TVA-471 7A W. W. COTNET 6A ALABAMA POWER CO. TVA-621	ER 2	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
LA FAYETTE LAY DAM LEEDS LEESBURG LIKOCLH LIVINGSTOR LOCKHART	4627 4734 4798 4822	CHAMBERS COOSA JEFFERSON CHEROEKE TALLA DEGA SUMTER COVINGTON	7 7 7 7 13 9	37 58 33 33 34 11 33 31 32 31 31 0	85 24 8 86 31 3 86 33 1 85 46 7 86 07 5 88 11 1 86 22	830 420 636 589 510 160 290	7P 6P 8A	6A J 8A 1 7A 7 7P 6 6P 1 8A 1	CLARENCE H. FINCHER ALABAMA POWER CO. BES. MART K. LEE RUFUS M. SEWELL CITY OF LINCOLN PROF.L.J. MURPHEY H. C. YOUNG	3 4 3 3 2 3 5 2 3 5 2 3 5	CANDIA A CT P. 10 PP										

\$ 1-ALABAMA: 2-BLACE WARRION; 3-CABABA; 4-CBATTAROOCHKE; 5-CROCTAVEATCHEE; 6-CONECUE; 7-COORA; 8-ESCAMBIA; 9-GULF; 10-PEA; 11-TALLAPOOSA; 12-TENNESSEE; 13-TOMBIGBEE REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a State.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Stations appearing in the index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Usless otherwise indicated, diseasional units used in this bulletin are: Temporatures in in *p, precipitation and evaporation in inches, and wind movement in unles. Evaporation is ascenared in the standard Weather Human type pan of 4 foot diseasers unless otherwise shows by footnote following Table 5.

Then bourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.

Amounts in Table 4 are from recording gages. Traces are not shown

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time

No record.

And also on later dates.

And also on later dates.

And also on later dates.

And also on later dates.

And also on later dates.

And also on later dates.

And also on later dates.

Precipitation measured at 8-hourly intervale, so recording gage.

Adjusted to a full most.

Taker equivalent of sacovial wholly or partly astimated, using a ratio of 1 inch water equivalent to every 10 inches of new showfall.

Station equipped with recording gage only.

Trace, an amount too small to measure.

Includes total for previous month.

Showly amounts from recording gage at the same site may be found in Table 4.

Showly amounts from recording gage at the same site may be found in Table 4. Subscription Price 15 cents per copy, \$1,50 s year (Yearly subscription includes Annual Summary). Correspondence regarding subscriptions should be addressed to the Teather Records Processing Center, 430 Post Office Building, Chattamoogs 2, Teamessee.



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CLIMATOLOGICAL DATA

ALABAMA

SEPTEMBER 1949
Volume LV No. 9



ALABAMA - SEPTEMBER, 1949

A. R. Long, Section Director - Montgomery

General Summary

A very unusual feature of the weather during the past summer, including the month of September, was the frequency with which northern air masses invaded the Gulf coast area. The summer season of scattered thundershowers continued later than usual on account of the changes in these relatively cool air masses while flowing briefly across the warm water off the Atlantic and Gulf coasts.

Temperatures during September were mostly relatively mild, as could be expected from this abnormal circulation, and warmer weather than normal occurred only from the 15th through the 19th. It was during this period that a few stations had maximum readings as high as 95 degrees on one or more days. Minimum temperatures on the morning of the 30th were extremely unusual. A few stations in the north had readings in the middle thirties, and temperatures below 50 degrees extended deep into the coastal counties.

Showers, which began on the 4th, became general on the 6th, and were quite heavy at the majority of stations in the north, some central localities, and near the coast. Thereafter rains for the State as a whole were light. However, light showers in scattered areas occurred on frequent dates, and there was no period of more than three days when no station in the State reported any rain.

Sectional differences in monthly rainfall totals were great, and the means for the Middle and Southern Divisions were not representative of much of those areas. The area including most of Chambers, Lee, and Russell Counties, and another area including most of Montgomery, Lowndes, Butler, and Crenshaw Counties, had an average of not over an inch of rain, and the average over the entire southeast and east central portions was hardly more than an inch and a half. On the other hand, there was strip extending from southern Jefferson County to eastern Sumter County with more than six inches for the month. Monthly totals near the coast were also quite heavy, but not much in excess of normal for that area.

The month as a whole was not unfavorable for farm work, and both harvesting operations and fall planting ran ahead of schedules. At the end of September, cotton picking was more than two thirds complete in many central counties, peanut digging was more than 80 percent complete, and some early plantings of grains and legumes were up to good stands and making excellent progress. Also at this time farmers were harvesting soybeans in Baldwin, Escambia, and Mobile Counties. The soil became too dry for the best germination in the southeast and east central sections, but pastures furnished more grazing than is normally available during September over the western and northern portions.

There were no severe local windstorms not hail storms reported, but a house was burned down in Phenix City on the afternoon of the 6th as the result of lightning.

FCP

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages—mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,009 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25. D.C.

Many other records published in this bulletin have been made available through the coperation of various public offices, private agencies, and individuals as listed in the Station Index.

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

ALABAMA SEPTEMBER 1949

	Sea lev	el pressure	extremes-in	ches		Wind spee	d-m.p.h.		Relative	humidity	averages—	percent	Sunshine	
Station	Highest	Date	Lowest	Date	Average	Мажішиш	Direction of maximum	Date of maximum	1:30 a. E.S.T.	7:30 a. E.S. T.	1:30 p. E.S.T.	7:30 P. E. S. T.	Percent of possible	Degree days
ANNISTON WE AIRPORT	30.27	30	29.81	28	5.9	-	-		90	90	55	76	-	21
BIRMINGHAM WB AIRPORT	30.27	30	29.84	28	7.5	30	NE	24	85	87	53	69	55	25
MOBILE WB CITY	30,18†	30	29.83†	28	8.7	47	SE	4	88†	90†	64†	78†	56	2
MONTGOMERY WB CITY	30,221	30	29.79†	28	6.8	28	N	28	85†	891	54†	66†	64	5
† AIRPORT DATA														

...

COMPARATIVE DATA

lable 1																	
	1	'emperature		Precipi	tation			Temperatur	е	Precipi	tation			Temperature		Precip	itation
Year	Average	Highest	Lowest	Average	No. of days .01 or more	Year	Average	Highest	Lowest	Average	No. of days .01 or more	Year	Average	Highest	Lowest	Average	No. of days .01 or more
1884 1885 1886 1887 1888	77.9 74.3 76.0 74.6 71.7	97 95 95 104 90	45 40 42 39 35	0.64 5.35 1.61 3.34 4.76	2 11 5 4 9	1909 1910 1911 1912 1913	75.1 77.5 80.4 77.1 73.2	101 101 105 103 103	35 45 52 46 34	2.82 2.21 2.32 4.70 6.95	7 6 6 9 11	1934 1935 1936 1937 1938	75.1 75.2 78.5 73.7 75.3	99 99 100 97	48 40 46 40 39	2.02 2.35 2.30 3.96 1.40	6 5 7 7 4
1889 1890 1891 1892 1893	73.3 73.7 73.8 72.0 74.8	100 97 95 97 100	36 48 46 37 40	4.04 6.25 1.96 3.20 4.47	6 12 5 4 7	1914 1915 1916 1917 1918	73.1 76.6 73.7 73.1 70.1	100 102 100 98 97	42 40 35 40 34	4.69 4.43 2.18 6.42 4.26	8 5 6 7	1939 1940 1941 1942 1943	77.3 73.7 78.2 73.4 72.7	101 100 101 99 98	50 36 43 35 38	3.92 1.47 2.76 4.08 4.40	7 3 6 7 8
1894 1895 1896 1897 1898	75.5 78.5 76.0 75.7 75.5	96 101 104 102 100	45 34 35 33 48	2.58 1.46 1.76 0.65 3.81	6 5 4 2 6	1919 1920 1921 1922 1923	75.3 77.0 81.2 77.5 76.3	100 99 102 102 96	44 34 53 45 46	0.77 3.31 2.73 1.51 1.21	2 6 7 5	1944 1945 1946 1947 1948	76.5 78.3 73.4 76.9 73.5	103 102 98 102 101	48 50 45 37 43	4.79 3.46 6.08 2.61 4.67	8 8 9 6
1899 1900 1901 1902 1903	72.9 77.9 72.4 73.4 73.4	104 100 95 97 102	30 46 39 34 35	0.67 4.01 4.08 4.24 1.49	2 4 6 8 3	1924 1925 1926 1927 1928	72.9 83.5 79.4 77.8 73.7	99 112 99 105 98	30 59 54 36 36	3.41 2.71 5.42 1.43 2.92	8 6 6 3 6	1949 Period	73.4	97	35 30	3.31	
1904 1905 1906 1907 1908	77.0 76.3 78.5 75.0 74.5	104 102 100 104 101	40 46 58 42 33	1.34 2.57 8.42 5.41 2.33	4 6 14 9 5	1929 1930 1931 1932 1933	74.7 77.0 79.7 75.0 79.6	98 101 106 100 102	43 42 42 45 41	5.85 6.38 1.25 4.80 2.30	11 12 4 8						

Table 2				Temperat	hite								Precipitat	ion				
	^		I			1	No c	of days		1		1	Snor	w, Sleet, H	ail	N	o. of day	ys
Station	Average	Departure from normal	Highest	Date	Lowest	Date	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground	Date	.01 or more	.25 or more	1.00 or more
NORTHERN DIVISION	1	1					-						-	+				<u> </u>
ALBERTVILLE 1 MILE S ANNISTON WB AIRPORT BIRMINGHAM WB AIRPORT BIRMINGHAM WB CITY CORDOVA	69.2M 70.8 71.5 73.8 72.2	- 3.5 - 3.3 - 1.7 - 1.0 - 2.2	90 90 90 92 92	18 15+ 16+ 7+ 19	40 39 39 41 36	30 30 30 30 30 30	1 4 3 8 4		3.88 1.20 4.31 3.72 4.16	0.71 - 2.47 0.93 0.34 1.57	2.70 0.50 2.10 1.98 1.81	6 5 5 5				6 7 7 9 6	2 1 3 3 5	1 2 1 2
DECATUR FAYETTE GADSDEN GCODWATER HALEYVILLE	71.1 71.7 70.5 72.2 71.2M	- 3.0 - 4.5 - 3.3	89 91 92 93 90	15+ 18 18 18 17	44 35 37 41 47	30 30 30 30 30 25+	5 6 4		4.37 3.32 4.09 1.06 5.51	2.00 0.33 1.08 - 1.71	2,96 2,16 2,10 0,83 3,05	6 5 6 6				7 6 8 3 6	3 3 1 6	1 1 2
HUNTSVILLE LINCOLN MADISON MUSCLE SHOALS ONEONTA	69.5 72.4 69.1 69.4 69.9	- - 5.6 - 4.6 - 2.5	89 93 90 89 92	17 18 17 15 18	41 41 40 43 35	30 30 30 30 30 30	6 1 6		3.97 1.99 5.80 2.67 3.70	1.01 - 2.79 - 0.18 0.73	2.64 0.68 3.35 1.53 2.75	6 5 6 5				5 6 9 6 4	3 4 3 3	1 1 1 1 1
ROCK MILLS SAINT BERNARD SAND MIN STA FARM AP SCOTTSBORO TALLADEGA	72.6 70.5 68.5 69.9 72.4	- 2.9 - 2.8 - 2.7	92 91 88 91 93	8+ 19 18 17 18	43 41 38 41 39	30 30 30 30 30	9 1 4 5		1.46 4.72 3.03 2.93 1.95	- 1.23 1.93 - 0.09 - 1.06	0.99 2.19 1.12 1.02 0.96	6 5 5 5				7 9 7 11 7	1 4 4 3 2	2 2 1
TUSCALOOSA AIRPORT UNIVERSITY VALLEY HEAD	73.8 74.3 67.5	- 2.5 - 2.0 - 4.8	94 95 89	19 19 17+	42 42 37	30 30 30	7 7		3.52 4.17 4.17	0.69 1.34 1.62	3.25 3.44 1.81	5 5 6				6 6 5	1 2 4	1 1 2
DIVISION	71.0					1	I	1	3,47									
MIDDLE DIVISION											1							
ALEXANDER CITY 6 NE AUBURN CENTREVILLE CLANTON DAYTON	72.2 73.5 73.0 74.3M	- 2.6 - 2.5	91 93 95 92 97	15+ 16 17 16+ 18	40 44 41 42	30 30 30 30	6 10 6		1.92 1.16 4.90 1.76 3.13	- 1.94 1.94 - 1.23	0.84 0.87 2.65 0.69 2.02	19 7 6 6 5				5 5 6 6	3 1 4 3 4	1
EUFAULA GREENSBORO GREENVILLE HIGHLAND HOME LA FAYETTE	74.9M 74.9 75.2 74.4 72.1	- 1.4 - 1.2 - 1.5 - 2.3	94 93 92 93 92	16+ 2 16 15+ 16+	43 43 45 45 41	30 30 30 30 30 30	10 8 8 7 5		1.11 6.44 0.62 0.82 0.67	- 2.34 3.36 - 2.70 - 2.35	0.35 4.79 0.24 0.36	18 5 6 5				6 8 7 4 5	2 3 2	2
LIVINGSTON MAXWELL FIELD MONTGOMERY WE AIRPORT MONTGOMERY WE CITY PRATTVILLE	74.3 75.4 74.6 75.1 75.0	- 1.1 0.8	93 92 93 92 94	17 8+ 17 17+ 18	42 48 44 48 47	30 30 30 30 30	6 7 9 6 7		6.38 1.46 1.78 0.72 1.65	3.96 - - 2.27 - 1.55	4.33 0.82 0.92 0.42 0.79	5 19 5 20				7 5 4 5 5	3 2 2 2	1
PUSHMATAHA SELMA THOMASVILLE TROY TUSKEGEE	73.7 77.3 74.5 75.5 75.2M	- 2.3 0.1 - 2.0 - 1.8 - 2.1	91 93 93 95 96	17+ 1+ 17+ 18 16+	45 44 44 45 42	30 30 30 30 30	6 11 4 9		4.79 2.65 2.94 1.28 1.23	1.08 - 0.08 - 0.40 - 2.98 - 1.22	4.45 2.13 1.40 0.57 0,64	5 5 4 6				2 7 7 5 . 8	2 2 3 3 2	1 1
UNION SPRINGS WETUMPKA	73.7M 75.8	- 2.6 - 1.7	95 94	17 18	41 44	30 30	9		1.42	- 1.55	0.84	6				3	2	
DIVISION	74.5	Ì							2.33									
SOUTHERN DIVISION																		
ANDALUSIA ATMORE STATE FARM BAY MINETTE BREWTON 3 MILES SSE CHATOM CITHONELLE	76.2 76.6 77.9 75.3M 74.8 76.4	0.5 - 1.7 - 1.5	95 95 93 93 95 92	19 17+ 18 16+ 18 16+	44 42 49 43 41 48	30 30 29 30 30 30	13 11 11 11 10 8		0.80 3.09 4.62 2.78 6.47 4.51	- 1.88 - 1.82 - 0.39	0.31 2.18 2.41 0.75 2.49 2.07	22 5 4 22 5 4				5 5 7 8 8	5 5 4 7	1 3 1
DOTHAN CAA AIRPORT EVERGREEN FAIRHOPE PORT MORGAN FRISCO CITY	75.9 75.7 75.8 78.9 75.5	- 1.6 - 2.4 -	95 95 94 93 93	18 19 18 1 9	47 45 46 58 46	30 30 30 30 30 30	10 11 11 5 11		2.45 1.96 7.89 7.38 4.99	- 2.71 - 1.96 1.70 - 1.36	1.01 1.03 4.49 3.20 2.47	16 17 4 4 5				7 6 10 9 7	4 3 5 5 3	1 1 2 2 2
GENEVA LOCKEART MOBILE WB AIRPORT MOBILE WB CITY OZARK	76.4 75.8 76.1 77.7 75.8	- - - 0.4 - 1.7	96 93 92 92 95	19 16 7+ 8 15	46 46 47 51 46	30 30 30 30 30	12 7 8 5		3.21 4.56 8.35 5.45 3.10	- 1.07 - 0.45 - 1.07	1.14 1.08 2.25 2.94 1.80	19 17 5 4+ 3				11 10 9 9	5 5 3 2	1 4 2 1
ROBERTSDALE 7 MILES E SPRING HILL	76.0 77.1M	- 0.7	92 94	8 19	49 49	30 30	7		7.64 9.98	1.11 4.53	2,43	4				10	7	2
DIVISION	76.3								4.96	0.00							İ	
STATE	73.4	- 3.2							3.31	0.02					1	İ		

ALAHAMA SEPTEMBER 1949

Station Table 3 Station Day of month Station 12 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31														INGR																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	-	7		18	19	30	21	22	23	24	25	26	27	28	29	30	31	Total
	.44		1.13	1.40	.50									.10	.07		1 30	. 03	20		_28				. 08		.47	85 , 06			1.25 5.22 4.21 5.01 4.20
			.10	.57	. 25	.65 T					.10	.01			.10		Т	.84	-		.04	, 04			. 04 T		.13	. 20			3.86 1.92 .60 1.20
			.14	. 06	1.52	3.02 .15 .05							.06	ı	.18	.31	.38	.19	. 13		.60	.02			.10			.49			5.13 1.77 2.78 3.38 3.09
.02		. 21	.05) 2.41	.10	.23 1.22 .86 .68	.87		.34							. 05	. 05		.03	.02	.75	. 32					.03					1.16 1.33 .86 1.01 4.62
		. 44	.23	1.34	. 20	-	-	-	-	-	-	-	-	.09	.23	-	. 36	.16			.14		-	-	-	-	-)	.13	-		2.00 2.97 2.73 2.22
		T .13	T T .53	2.10 1.98 .23	T .39 .48 .37	T T .06			. 21			.03	1	1	.80 .10 .20	.07	.01 T	1.20 .75 .20	. 47	.72	T T	.02			Т	T 1	.16	11			4.31 2.72 1.71 1.09 2.78
		.16	.39 .20 1.02 .40	1.85	1,70	.48	.13					.10	1		.05			T . 26	.13		. 05	.12				,55	.07	.15			2.80 .86 2.20 3.33 4.24
				.67	2,13 2,65 .88	78	Т	T .33					.92	T		.14	.10 T	17 02	T .82 1.12 .08 .45	.57	.17	.23	T			.19	T	.59 T			5.01 4.90 6.47 1.42 4.51
.08	Т		.14			.65							01			1.75		. 23	. 66 Т		.65	.42			,22	T .18		. 27 13 02			1.76 1.05 1.15 5.86 5.50
.38			.06	3.94 T	.52	. 12	Т					. 04	. [T .09	.18	.02	.52 .82 .0€		. 05	T T				r 69	< 1	.35 1€ 04			4.16 4.99 1.16 79 3.81
1		.30	.65 .25 .56 .40	2.02 .24 .25	.02 2.96 2.96	.41 .41 .13							.02			.15 .08 .28	Т	.03 T	. 48							Т		53,06			4,10 3,10 4,37 4,10 3,59
02	34	.37			.36	.36		.12							1.01	, 05	.35	.02	. 95 T 93	Т	,18 ,45 ,32	T					,33	42			6 1° 2 45 1 3 3.15 1 11
	T	1.46	.06 4.49 .65	.32 .38	.61 .30 .09 1.78 1.95	.0.		.37					.03		.07	1.03 .12 .06	.14	.16 17 62	.03	.16	.01							.54			6,72 1,90 7,89 3,58 5,77
		04	.30 .07 .25	2.16	.41	T . 02 . 02 T T							T.	.35	.60	.03	Т	, Uh	09		,02					39	1	پدر			3.79 3.32 2.10 2.27 75
		2.30	.53	.15 2.47 .22	.56	.12 .18 T		.10					.36 .04 T			.22	. 09 T		.02 1.37 T	13	.31	.52 T				. 08		12 .38 42			7 36 4.73 4.99 4.09 4.79
, 33			.18	T .56	.02 .83 2.15	. 19	T		. 05				-		.03	.04			10	.28	.17	.44				1		13 50 .23			3.20 3.21 1.06 5.91 6 44
	. 18	2.00	1.97	1.61	.91	. 08		T ,83				.11	, 06		.55	.01		.05	1.7		.02				.17	. 04	.35	47			3 3.00 5 91
			.02	.55	T 1,26		т	Т			I		.06		.26	.58 T		.15	.14		T							2.2			4 11 .14 2 71 .2 3 62
		т	T	.87 .59	2.64 1.05 .67	. 19						.14	.05 T .12 .11		29	.40		03 .32	, 15			.03			02	T T	T . 22	63			\$ 27 + 97 2 60 1 - 0
.08	11			.05	1.00 1.35	.02							, 05 , 14			.30	.21		62 1 67 48							11	т	26 26 3.			2 3 13 2 14 4 23
т		.65	.18	1.50	.21 .60 1.03 .22	. 05		. 05					1	}	,08	1.08	22	26 90 T		.00	.03 .80 .29 39	. 05					.58	18			1 99 4 38 4 56 3 81 4 28
		.46	.16	1.03	3.35	.02		10				.22	. 19	I ,	.47	.09	,11	.56		1.3		. 06					. 08	20 .52 31			4,49 4,30 5,80 5,68 6,59
		. 25		.12	4.34 .30		. 01					T	, 08		, 33	.04	05	27	.20 11 .02		.04				03	т	T	10 13 T			3 9 3 3 1 46 8 35
	.02 .08 .38 .38	.08 T .38 .38 .38 .15 T	.02 .02 .21 .44 .08 .7 .13 .16 .15 .33 .321 .38 .30 .30 .34 .37 .15 .21 .7 1.46 .04 .2.90 .51 .77	.44 .38 .06 .06 .10 .10 .10 .10 .19 .38 .08 .08 .09 .16 .20 .10 .20 .10 .22 .40 .40 .38 .32 .12 .22 .38 .08 .33 .21 .12 .27 .38 .08 .33 .21 .12 .27 .38 .08 .33 .21 .12 .27 .38 .08 .33 .32 .12 .22 .33 .34 .37 .25 .20 .33 .34 .37 .30 .34 .37 .30 .34 .37 .37 .30 .35 .37 .30 .35 .37 .37 .30 .35 .37 .30 .35 .37 .30 .35 .37 .30 .35 .37 .30 .35 .37 .37 .30 .35 .37 .30 .35 .37 .30 .35 .37 .30 .35 .37 .30 .35 .37 .37 .30 .35 .37 .37 .37 .37 .37 .37 .37 .37 .37 .37	.44 .38 .04 .04 .69 .06 .30 .14 .05 .10 .5710 .5710 .571010 .57101	.44 .38 .06 .04 .07 .07 .35 1.05 1.40 .26 .26 .26 .27 .27 .27 .26 .27 .27 .27 .26 .27 .27 .27 .26 .27 .27 .27 .27 .26 .27 .27 .27 .27 .27 .27 .27 .27 .27 .27	.44 .38 .69 .04 .70 .70 .70 .70 .70 .70 .70 .70 .70 .70	.44 .68 .06 3.01 .07	.44 .38 .06 .04 .07	.44 .38 .06 3.04 .07 .07 .07 .07 .07 .07 .07 .07 .07 .07	. 44 .38 .06 .00 .07 .133 .105 1.40 .50 .269 .269 .269 .269 .269 .269 .269 .269	. 44	.44 .38 .06 .00 .00 .00 .00 .00 .00 .00 .00 .00	.44 .38 .06 .00 .00 .00 .00 .00 .00 .00 .00 .00	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 44 35 06 308 1.70 1.	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Table Tabl	Table Tabl	1	1	1	1	1	Table Tabl	1	Teal	Table 1	1			1

DAILY PRECIPITATION

ALABAMA

Table 3—Continued																	-	-	48													SEP	TEMBE	R 1949
Station		1	2	3	4	5	6	7	8	9	10	1 11	12	1.13	14			of m		18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
MERTZ 3 MILES E MIDWAY MILLERS FERRY MILSTEAD MOBILE WD AIRPORT	B	.36	. 07	 - 	.7	5 1.35	2.75	1.09	.42		•	_ 14	, 12	1 10			. 05	.08	. 25 T	10	.04	.35	1,53	.18		23		20	. 05		.45			5.65 .47 2.67 1.82 8.35
MOBILE WB CITY MONTE SANO MONTEVALLO MONTGOMERY WB APT MONTGOMERY WB CITY	z				1 2.9 .4	1 .60	3.20			.05	1	I I	I I	 T	.1	ro,		.20	т		.10 .25 .92 .25	.48 T	. 05 T	.07	. 28			T	т	T .02				5.45 4.38 3.02 1.78 .72
MOULTON MUSCLE SHOALS NEW BROCKTON NEWBURG NEW MARKET	R		. 02	. 18	3	2.05 1.53 .07 7 .18 0 .22	.66 .09 .38 2.12 1.00							T		03	.01	.51 .07 .04	.20	35	. 66			. 39						. 04	1.01			3.11 2.67 1.08 4.41 2.46
NEWTON ONEONTA ORRVILLE OZARK PAINT ROCK	R	1.08		1.80	. 0:	1.	2.75 2.04 .03 2.23	.33										.32	.33 .56 .13		. 05	.11		. 23	. 18				.10		. 19			2.72 3.70 4.44 3.10 4.88
PALMERDALE PERRYVILLE PETERMAN PICKENSVILLE PINE HILL	R			. 04	1.13	. 05	1.51 2.25 .86		. 09					1	T	.7		. 38			.31 2.00 1.01	.50	.14	. 09							. 32 26			3.71 2.56 4.86 3.65 3.44
PINE LEVEL PLANTERSVILLE PLEASANT GROVE SCH PRATTVILLE PRIMROSE FARM					1.00	0 .40	.27 2.75 .53	T .15			ı	I	ı	1	.2	12			т	. 15	. 25	1.75 1.22 ,79			. 30				. 05 T	. 27	.11			2.02 4.08 2.72 1.65
PUSHMATAHA RED BAY REFORE RIVER FALLS RIVER FALLS 2 MI NE	8				. 96	. 36	.62 2.01 .25								T		1	. 20	. 25 . 07 T		т	.34		.33	. 06		-	-	_	-	. 35	_		4.79 2.35 2.49 1.51
ROBERTSDALE 7 MI E ROCK MILLS SAINT BERNARD SAND MTN STA FRM AP SAYRE		.57		.86	2.43 .17 .16	.41	1.1i .99 2.19 1.02 1.74	. 20 . 53	. 05	.71		The same of the sa		. 0	6 .1	0		. 09	. 16 T		.11	.19	. 78	.17	. 03			. 05	. 01	. 25	1,00			7.64 1.46 4.72 3.03 3.60
SCOTTSBORO SCOTTSBORO SUBSTA SEALE 7 MILES WNW SELMA SHEFFIELD TVA NRSY				. 00	.1	. 04	.81 1.66 2.13 1.87	.40						. :	т	15		. 03	.08	.42	. 02	T . 06		.07	. 05			. 08	. 20					2,93 3,05 .90 2,65 2,30
SHOEMAKER SPRINGS SLOCOMB SNOW HILL SOUTH HILL SPRING HILL		T	. 90	.31	.5		.64 .91 1.91 8.00	1.02		.02	ı	ı			-1	10		. 37	.51		. 89	.60	. 21	.97	2.00				. 22		.07			3.25 2.90 1.22 4.04 9.98
SWAIM SYLACAUGA SYLVANIA TALLADEGA TALLADEGA HRN MT TR			.17		.00	. 13	.66 .95 1.87	. 06	.02					-1	1 .3				. 19		.61	.09			. 41			т	.02	. 03 T	.14			1.44 1.20 3.25 1.95
THOMASVILLE THORSBY 1 MILE SW THURLOW DAM TONEY TRAFFORD	R R Z	.01	. 05	. 85		5 1.40 1.40 5 .83	.18 1.72 1.60	. 05	.14			1			0	7 .	.40	. 22	. 08	.12	.50	.13							.02	.02 .52 .02 .02	. 26	. 08		2.94 2.14 .67 4.99 5.11
TROY TUSCALOOSA AIRPORT TUSCALOOSA LCK DAM TUSKEGRE UNION SPRINGS	z	. 16		. 03	.00	3.25 5 1.45	.31 .03 2.01 .64		T										т	.01	. 02	.03			. 02 T	т			. 03	. 13 T	.08			1.28 3.52 3.80 1.23
UNIONTOWN UNIVERSITY VALLEY HEAD VANCE VERNON	Z R			.38		1.72 7 3.44 T 1.22 1.58	.81 .04 1.81 2.60		!		-	-	-	-	.5	9 ~		-	1.29	.10	. 20				. 43				. 05	. 06	.55			2.69 4.17 4.17 4.37
WADLEY WALLACE WALNUT GROVE WATERLOO WEST BLOCTON			. 10	. 04		1.35	.90 1.90 2.91	.97			-	-						,60	- 1.75	.43		.11		. 65		-	-				.35	. 10		4.97 1.10 6.14
WETUMPKA WHATLEY WHEELER DAM WILSON DAM WINFIELD 2 MILES SW				Т	. 15	.72 9 29 2 .24 7 1.12	.84 1.24 1.46 1.42 1.77	. 09										.19	. 67 . 35 . 06	т	. 18 T	.49		.37	. 02						T . 22			1.42 3.03 3.03 2.39 5.00
YATES HYDRO PLANT YOUNGS STORE		1.03			. 3!	5 *	1.00		. 02									.50			1.00	1.50												1.72 2.85

Table 4						-	.10	OIL	L	1 111		1 11												SEPT	EMBER	1949
CA-A						A. N	4. Hou	ır endi	ng									P. M	I. Hou	r endir	ng					13
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
					-	- ~				•			-2c	1—	*											
ABBEVILLE													2(.12	.02				.11	.05	.07		.02	.01	.44
DOTHAN CAA AIRPORT																	. 30	01	0.1		.02	.03	.01		. 01	. 37
NEW BROCKTON TROY																		. 01	.01		.03		.03			.02
													-30	d-												
ABBEVILLE ADDISON													01	. 02	.02	.61	. 01	.10	. 28			.01	. 01		-	. 38
BELGREEN BERRY										9 (.05	*		. 05	.25	. 09	*					!		1	. 44
BEXAR 2 MILES SE BOAZ DOTEAN CAA AIRPORT														.01	. 03	.02	.01	.01								. 08
FLAT ROCK FORT MORGAN	//			. 05	.10	.40	. 14	.04		.37	1.54	.05			.12	.04	. 10			. 04					į	.04
PORT PAYNE GARDEN CITY													.13	. 01	. 52	.04	.36	. 01							1	. 50 . 58
GUNTERSVILLE REC BALEYVILLE														. 20	. 01	.20		. 50	.01			. 01	. 01			. 51
MOBILE WB AIRPORT MOBILE WB CITY MOULTON	6		٠	٠	*	.18	.71	1.10	*	*	*	*	.08	. 43		. 09	. 02			. 03		*			1	1.11
MUSCLE SHOALS NEW BROCKTON	6															#		.15		.18			[. 15
PAINT ROCK PETERMAN																. 40	. 01			. 02				.02		.41
TONEY TROY														0.0	. 05	.41	. 38	.01	. 43	.10						. 85
TUSCALOOSA AIRPORT UNIVERSITY	6											*	. 34												1	.38
													-4t	h-												
ADDISON ANNISTON WB AIRPORT	6															*	0			.19	. 02	.02	.01		. 01	. 06
ATMORE STATE FARM BELGREEN BERRY								. 01	. 09	.03	.03		.06	.23	.30	.05	.18	.12	.01						.01	1.12
BEXAR 2 MILES SE BOAZ											. 01	. 01		.10	. 05	.07	43	.12				-		.01	.02	.03
CAMPBELL DADBVILLE NO 2										.02		.01	. 08		.16	.24	. 06	.06	. 02	. 01	. 01	.04	.01	. 09	.03	1.02
BUTAW LOCK NO 7 FLAT ROCK		.02						,		!	.02		. 03		. 05		. 02	.01	. 01		.01	. 01	.02		. 01	.14
FORT MORGAN FORT PAYNE	//	. 07		.07	.16	.03	. 13	.06	.40	.33	.12	.15	. 26	. 68	.04	.37	. 33	.03							. 05	3.28
BALEYVILLE LOCK NO 1	//								. 01	.02	. 02	. 08	. 23	.19	. 24	. 38	. 03	. 08	. 01		. 01	. 03	. 01	.01	. 03	.04
MAGNOLIA MARION 1 MILE SSE	//			٠	*		*		0	# 1	0	*	*	*		*			*	*	. 01	.01	4	0.	.02	.04
MOBILE WB AIRPORT MOBILE WB CITY	6	.02	. 01	٠		.04	. 29	.31	. 28	.05	,36	. 25	. 63		.16	. 04	. 66	. 08	*	.74		*		*		2.91
PETERMAN RIVER FALLS 2 MI NE														.02	. 01	.70	. 29	, 06	. 04	. 01						1.13 .06 .95
TRAFFORD TUSCALOOSA AIRPORT	6															.95				. 05					. 01	.01
UNIVERSITY VERNON	· ·														02	İ			.01		. 02	. 01	.02	.02	.05	.08
													-5t	h-												
ABBEVILLE			0.0	0.4		0.0	10	0.0	0.0	1.0	10	0.0			. 05	.06	.01	.04	. 09	. 45	. 70	. 04	. 03	.06	. 01	.04 3.01
ADDISON ANNISTON WB AIRPORT ASHLAND	6		. 02	. 04	.08	.03	.15	.26	.26	.16	.10	.06	- 8	. 22	0	#	.01	.37	.01	.27	*	.01	*	*	*	. 46
ATMORE STATE PARM AUBURN SCS 10				. 01	.01	.01	. 01	1	.02	.03		.06		.05	.14	.02					.06					. 85
BELGREEN BEXAR 2 MILES SE		.05	.07	.17	. 04	.06	.07	.17	.09	. 28	.02	.01	00	. 07	. 49	. 28	. 02	. 09	. 01		.01	.02	. 01	03	. 02	1.53
BIRMINGHAM WB AIRPORT BOAZ CAMPBELL		. 08	.03	.01		.03	.11		. 27	. 34	. 29	.16	. 03	. 19	.14	. 20	.17	.07	.01	.02	.01	.07	.14	.01	. 17	2.10 2.06 1.85
DADEVILLE NO 2 EUTAW LOCK NO 7		. 06			1,35		. 60		. 04	.01		.01	. 50	. 02	.06	.01	. 03	.01	.06	, 36	.01		. 01			5.41
FLAT ROCK FORT MORGAN	//					02	.08	.02	. 01	.03	.03		.02		. 19	.04	.17	00	00	.19	.06	.05		.02	10	. 91
GARDEN CITY GUNTERSVILLE REC		.01	. 01	. 03	.06	.03	.01	. 09	.01	.01.	.01	.01		.06	.05	.13	. 18	.09	.09		.04	.12	.01	. 22	.18	1.74 1.93 1.61
HALEYVILLE HUTTSVILLE	6	03	.01	.09	. 05	.04	. 26		. 23	.42		.05		. 20	.01	. 20	. 59	.20	. 25	.12	.02	. 03		.01		2.99
JACKSONVILLE LAY DAW										12	.04	.06		. 04	.02	.01	.35	.40	.08							1.02
LOCK NO 1 MAGNOLIA	//		*		.01	.04	. 07		. 53	. 23	3.25	0.5	. 01	. 01	0.1			20	50	.01	01					1.10 3.25 3.53
MARION 1 MILE SCE MOBILE WB AIRPORT MOBILE WB CITY	6	.02			. 01	.04	. 20	.03	,32	1.72	. 30	.01		.01 2.16 .32	.01	۰		. 20	. 58	.01	. 01				1	. 60
MONIGOMERY WE APT	6	.03				, 04			٠	*	0	0	06	.11	.05	. 23	.03	٠		. 69						. 42
MOULTON MUSCLE SHOALS	6	. 04	.10	. 21				.09	.06	.08	.05	.12	. 09	.20	. 40	.19	4		.11	. 20	.06	.05	0	•		2.05
NEW BROXINTON PAINT ROCK				. 04	1	.07	. 08	,12	.15	. 03		. 01		.04	.03	. 21	.10	.01	. 01	.18	. 30	. 02			.17	.07 1.80 .31
PETERMAN RIVER FALLS 2 MI NE THORSBY 1 MILE SW										. 08	. 01	.02		.02	.06	, 01										1.40
TONEY TRAFFORD		. 01	.01	.01		. 09	.03		.04	.05		.06		.18	.10	.21	.01	. 03	. 17	. 09						2.16
TROY TUSCALOOSA AIRPORT	6	. 01	0					1.33			*		0	1.61	. 25	0.1	01			. 31						3.44
UNIVERSITY VERNON		.04	.04							.06	. 01	.01	.02		. 03	.01	.01	.07		.01						1.58
													-6t	h-												
ADDISON ANNISTON WB AIRPORT	6	.02				٠			.01		.04			.08												. 07
ASHLANI ATMORE STATE PARM	//			. 01	. 04	. 01	. 26			.01		. 08	. 01	. 01		.08										1.19

See reference notes following Station Index.

Station						A. N	A. Hou	r endir	ng									P. M	f. Hou	ır endi	ing					ital
Sauon	_	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
AUBURN SCS 10 BELGREEN BEÄRY BEXAR 2 MILES SE BOAZ DOTHAN CAA AIRPORT		.03	* .02	* . 06	.01	.01	* . 01	*	,18	*	*	. 12	.06				.05	.04	.03	.78	:11	.15	.13	.08	. 01	1.22 .12 2.81 .20 1.24 .16
FLAT ROCK FORT MORGAN FORT PAYNE GARDEN CITY GUNTERSYILLE REC HALEYVILLE HUNTSVILLE JACKSONVILLE	6	.06	. 09	.02	.03	.08	.06		. 09	.02	.06 .22 .01	.01		. 28	. 37			.02	.01	.02		.01	. 05	. 01	.01	. 28 . 22 . 19 . 17 . 91 . 74
MOBILE WB CITY MONTGOMERY WB APT MONTGOMERY WB CITY MOULTON MUSCLE SHOALS NEW BROCKTON PAINT ROCK PPTERMAN	6	.01	. 03	.09	, 20	.10	.19	.07	* .12	*	* .01	*		.05		. 24		. 01	. 17	.01	, 68				1	.08 .01 .66 .38 2.23 .86
TOREY TRAFFORD TROY TUSCALOOSA AIRPORT UNIVERSITY VERNON	6	.02	. 29	. 61	. 80	.01	.01		٠	.01	.01	*		.26 .01 .01	.01	*	٠	.02	.05						.01	1.72 .61 .27 .03 .09
BERRY FLAT ROCK GUNTERSVILLE REC							ţ		. 01	.01			-71 -81			-	-	.15	-	-	-	-	-	-	- 1	- .02 .15
CAMPBELL EUTAW LOCK NO 7 MOBILE WB AIRPORT FORT MORGAN	6									. 02	. 07	. 02	-9i		. 26	. 03			.12	.01	*	*	٠	*	*	.13
MOBILE WB AIRPORT MOBILE WB CITY VERNON	6	. 42						. 03	*	.02	*	*	-10	.04 th_	*	•	*	*	•	.01	_	-	~	_	- 1	. 05
BIRMINGHAM WB AIRPORT													-12: -01:	.02											ĵ	. 03
ANNISTON WB AIRPORT BOAZ FLAT ROCK FORT PAYNE GUNTERSVILLE REC HUNTSVILLE JACKSONVILLE	6								*			*	*	.06	* .01 * .29	.03 .04 .11	.01	*	*	.01		*	. 01	*	•	.11 * .34 .11
MOULTON									*	*	*	*	-14 -15	*	*	*	*	*	*	*	*		*		٠	. 07
BELGREEN BEXAR 2 MILES SE FLAT ROCK HALEYVILLE MIDWAY MUSCLE SHOALS	6		*		٠	*	*	•	.35				10		*		.04	.09		.01		*	٠		. 55	. 09 . 24 . 35 . 55 . 05
ADDISON ANNISTON WB AIRPORT BELGREEN BEXAR 2 MILES SE	6									.33	.15	.13	-16	th-	*	* .01	.06	.01	. 22	.08	,18					. 40
BIRMINGHAM WE AIRPORT BOAZ CAMPPELI. DOTHAN CAA AIRPORT FORT PAYNE HUNTSVILLE JACKSONVILLE	6									*			•	. 51	. 88	.75	.03	.01	. 02	.01					,	.80 .06 .05 .99 1.04
MAGHOLIA MIDWAY MONTGOMERY WB CITY MUSCLE SHOALS NEW BROCKTON PAINT ROCK PETERMAN RIVER FALLS 2 MI NE TONEY TRAFFORD	6								*		. 08		. 19	.50	.07	.01	. 10	* .01 .01	. 32	.01					!	.10 .08 .02 .07 .32 .38 1.20 .22 .26
DADEVILLE NO 2 EUTAW LOCK NO 7 FORT MORGAN THORSBY 1 MILE SW VERNON	//	_	_	-	_	.05	.08	.01		_		-	-17	th-			.04	. 02	. 01	.01	. 02	.06	, 01		,	.09 .13 .23 .08
ADDISON BELGREEN													-18	.03	. 49	. 32	. 01									.85

	Table 4-Continued										-	11 11												GEFI	EMDER	1949
	Station					A.	М. Но	ır endi	ng									P. 1	И. Но	ur end	ng					Total
	TOWN COLUMN TO THE PARTY OF THE	1	2	3	4	5	6	7	8	9	10	11	12	I	2	3	4	5	6	7	8	9	10	11	12	To
2	DEXAR 2 MILES SE SIRMINGHAM WED AIRPORT BALEYVILLE WUSCLE SHOALS 6				*	*	*	.01					.19	.12	.01	.02	*	*	*	.34						.05 .01 .29
A A B B B B B B B B B B B B B B B B B B	ABBEVILLE INNISTON WB AIRPORT 6 ATHORE STATE FARM SELDREEM SERRY SEKAR 2 MILES SE SIRMINGAM WB AIRPORT	-	*	*	.07	*	*	.02	.01	*	*	*	-19 * .º³	.04 -		.01	*	.03	*	.03				. 09	. 01	.03 .10 .16 -
3 C 1	ZAMPBELL ADBEVILLE NO 2 SUTAW LOCK NO 7 BARDEN CITY UNTIVITLLE 6 LAY DAM LOCK NO 1 //		*	٠	.08	*	*	.03				, 08	. 04	.04	.01	.06		. 01	. 03		. 21	. 78		.01	. 01	. 26 . 09 . 03 . 08
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MAGROLIA ARRION 1 MILE SSE MOBILE WE AIRPORT 6 MOBILE WE CITY MONTGOMERY WE APT 6 MONTGOMERY WE CITY MONTGOMERY WE CITY	*			*			.27	*	*	*	* . 03	* .14	.07	*	*	.11	.04	.01		*	.03	.01	.01		3.03 .16 .10
7	PETERMAN THORSBY 1 MILE SW TRAFFORD TUSCALOOSA AIRPORT ON IVERSITY													1.15	. 06	*	* . 07	.74	. 41	. 02	. 25	. 53	.07			2.00 .06 1.72
1 1	ATMORE STATE FARM AUBURN SCS 10 HOBILE WE AIRPORT 6 HOBILE WE CITY HONTGOMERY WE APT 6 HONTGOMERY WE APT 6	.35	*	.03	* .03	* .11	*	.14	*		*		.20	th- .02 .26	٠	*	.05	*	٠	.01	.02	.01				.03
1	ATMORE STATE FARM FORT MOBGAN // MACHOLLA MOBILE WE AIRPORT 6 MOBILE WE CITY	1										. 03	. 04		. 22	.17	.01	.01	*	.72	.13	.01	.02	.04	. 07	. 21 . 43 . 13 . 05 . 14
1 1 1	ABBEVILLE ATMORE STATE FARM DOTHAN CAA AIRPORT FORT MOBGAN FORT PAYME GUNTERSILLE REC	.07	.0	. 01	.01	. 05	. 05		.01				.11	.04	.16	.12	.10			.08						. 28 . 32 . 35 . 27 . 47 . 02
1 1 1	LOCK NO 1 MARION I MILE SSR MOBILE WE AIRPORT MOBILE WE CITY MONTGOMERY WE APT MEW BROCKTON PAINT ROCK RIVER PALLS 2 MI NE	.81	. 0	.01	01	.03	.03		. 02	٠	*	٠	.02	.01 .05	* .01	*	.02	.02 * .01	*	.07	-	-	. 02	_	-	. 25
1	ASHLAND // RIVEE FALLS 2 NI WE	.02												th-						-	-	-	-	-	-	.02
4	ABBEYILLE ASHLAND //											-	-26	th-		.03	. 01	. 01	. 04	.03	.05	.01				.08
	BOAZ FORT PAYNE GUNTERSVILLE REC JACESONVILLE												:08 :01		. 07	.01	.01	. 04	. 04	.05			.01			.13 .08 .17 .02
	BIRMINGRAM WB AIRPORT FLAT BOCK PAINT ROCK ADDISON	.08	.0	2		.13	.13	.13		.01		_	-28	th-	.42	.04	. 01									.01
	ANNISTON WB AIRPORT 6 BOAZ BOAZ CAMPBELL EAD BVILLE NO 2 EUTAW LOCK NO 7 FLAT BOCK FORT PAYNE GARDEN CITY									.01				.01	. 23		.07	. 50	.05	.01	٠	.01	. 01	٠	٠	.16 .48 .02 .01 .51 .04 .02 .34
	GUNTERSVILLE REC HALEYVILLE JACKSONY ILLE LAY DAN MAGNOLIA MONTCOWERY WB CITY MOULTOW THORSBY 1 MILE SW TOMSY TRAFFORD									.33		.02	. 03		.03				.07	. 12	.07	. 02	.01		.01	.35 .40 .22 .19 .08 .02 .04 .52

HOURLY PRECIPITATION

ALABAMA

Table 4-Continued																			SEPTEMBER 1949							
Station		A. M. Hour ending									P. M. Hour ending														-8	
Station		1	2	3	4	5	6	7	8	9	10	11	12		2	3	4	5	6	7	8	9	10	11	12	Tot
TUSCALOOSA AIRPORT UNIVERSITY	6														*	*		٠	* . 03	.13						. 04
ANNISTON WB AIRPORT LAY DAM MARION 1 MILE SSE	6	.10	_	•	_	. 01	. 06	_	_			-	-29	th-	-											. 07
												-	-30	th-	-											
BERRY MIDWAY RIVER FALLS 2 MI NE THORSBY 1 MILE SW TROY		-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	. 08	.01	.01	-	.02	. 01	-	-	. 27

	5	

DAILY TEMPERATURES

ALABAMA SEPTEMBER 1949

Table 5				-													,	.,			-	-		-							DFTLEEDL	0
Station		1	2	3	4	5	6	7	Ş-	9	10	11	12	13	Ţ		of mor	17	18	19	20	21	22	23	24	25	26	27	28	29	30 31	Average
ALBERTVILLE 1 MI 8	MAX MXN,	81 56	86 51	86		75 69	76 70	87 67	84 59	75 69	74 59	76 59	77 58			87	83 65	86 67	90	83 73	77 50	78 44	84 61	77 52	43	74	70 44	69 58	78 58	69 69	40	79.3 59.1
ALEXANDER CTY 6 NE	MAX	86	86 57	85 69	82 71	77 72	88 73	89 69	89 64	81 69	79 60	81 60	82 58	86	87 62	91 59	90 66	91 68	91 67	84 69	84 64	87 50	80 67	84	77 49	78 53	68 61	74 60	83 60	75 47	73	82.9 61.4
ANDALUSIA	MAX	90 67	91 64	90 70	83 73	81 71	90 74	90 74	90. 71	92 71	85 61	78 61	85 64	86. 60	89 68	91 67	94 70	92 70	93 69	95 70	90 70	89 71	88 69	80 65	87 50	83 61	81 61	75 64	78 65	87 53	78 44	88.7 65.6
ANNISTON WB AIRPORT	MAX	86 57	87 56	86	86 73	78 71	87 71	89 68	88 64	79 57	78 56	80 56	81 57	84 54	86	90	90 64	90 66	90 67	89 66	82 51	88 48	84 63	83 59	79 47	78 50	68 58	72 60	85 52	69 42	72 39	82.8 58.7
ATMORE STATE FARM	MAX	91 69	92 65	87	79 73	83 73	90 72	91 71	92 71	88 73	80 63	87 64	89 66	88 64	90 71	93 69	93 72	95 71	95 70	95 71	87 71	83 67	80 69	87 66	82 57	83 60	80 65	76 65	85 63	80 57	75 42	86.5 66.7
AUBURN	MAX	89 63	88 62	91 67	86 67	85 68	85 68	88 65	87 66	88 68	82 59	78 60	82 57	82 54	85 62	90 64	93 68	91 68	92 68	92 68	88 67	86 57	89 68	82 66	87 53	80 57	78 60	67 60	76 62	85 47	75 44	84.9 62.1
BAY MINETTE	MAX	90 70	92 66	80 69	75 71	83 71	89 73	91 72	92 72	84 72	82 63	86 63	87 67	87 66	90 70	91 70	92 73	91 71	93 72	92 72	90 71	82 68	79 68	87 66	83 57	82 69	82 68	77 66	85 63	75 49	77 50	88.5 67.3
BIRMINGHAM WB APT	MAX	86	88 59	85 70	84 74	75 71	84 72	89 69	87 66	80 63	79 57	80 60	83 62	79 60	83 60	88 61	90 68	90 70	90 72	89 66	81 54	86 53	82 67	81 55	74 47	79. 54	76 60	72 60	81 56	68 44	70 39,	82.0 61.0
BIRMINGHAM WB CITY	MAX	88 62	90 59	85 70	85 73	77 71	87 72	92 74	90 66	84 65	83 57	84 59	86 61	79 63	87 62	90 64	90 70	91 71	91 72	92 70	85 57	88 57	82 68	86 65	80 48	84 54	83 59	75 61	85 59	72 48	77 41	84.9 62.6
BREWTON 3 MILES SSE	MAX	90 63	91 62	88 70	80 73	91 72	89 71	72	67	85 69	81 63	85 61	88 62	6 9 58	90 62	92 66	93 68	93 67	93 68	93 68	89 69	84 67	84 67	88 65	83 54	81 55	79 63	78 65	87 60	80 52	76 43	86.4 64.1
CENTREVILLE	MAX	90	92	90	83	83	85	93	93	85	85	85.	87	84	87	93	94	95	93	93	86	88	85	84	85	82	84	76	84	75		86.9
СНАТОМ	MAK	88 66	90 59	82 67	78 72	88 72	92 74	93 69	93 67	85 71	82 59	87 58	88 62	86 63	90 67	93 67	93 69	93 67	95 68	91 68	85 67	84 64	82 68	88 66	80 50	83 53	82 62	76 65	84 56	75 51	74! 41:	86.0 63.6
CITRONELLE	MAX	91 73	91 67	81 71	77 72	83 72	89 74	91 72	91 72	84 71	84 64	85 64	87 68	86	80 71	91 72	92 74	87 73	90 73	92 72	85 73	82 70	80 69	87 67	80 56	83 59	83 66	75 66	84 63	74 55	73 48	84.9 67.8
CLANTON	MAX	88 63	87 57	88 60	85 71	81 73	76 73	88 70	88 67	90 67	81 56	80 58	81 60	83 57	85 60	86 63	92 65	91 70	90	92 70	90 61	84 53	86 67	83 68	86 48	78 52	78 61	78 61	75 60	83 50	72 41	84.2 61.7
CORDOVA	MAX	88 58	90 53	89 65	85 65	82 68	84 69	90 70	86 66	85 60	80 50	83 53	86 58	85 60	86 68	87 65	84 70	89	90 70	92 74	83 53	86 55	86 66	83 58	78 48	80 55	81 60	75 65	84 57	68 46	75 36	84.0 60.4
DAYTON	MAX	90 64	90 59	86 69	81 71	82 72	87 73	90 70	90 70	82 69	82 60						93	92 70	97 71	91 69	85 67	88 59	85 66	85 60	80 56	80 57	81 61	78 59	85 57	72 51	75 42	85.1 63.4
DECATUR	MAX	83 61	88 55	84 68	88 70	79 71	78 70	87 67	84 68	77 62	79 55	81 59	84 61	77 64	82 65	89 62	78 69	89 70	86 73	85 70	79 55	80 51	85 64	79 60	71 50	77 50	81 60	74 61	75 57	70 49	71 44	80.7 61.4
DOTHAN CAA AIRPORT	MAX	90	90	85 i 69	87 72	88 71	89	92 74	93 71	84 66	80 63	84 61	85 61	86	92 66	94 68	94 69	93 71	95 70	91 69	89 70	89 64	83 69	88 65	82 57	78 61	71 64	79 63	85 62	81 54	77 47	86.5 65.2
EUPAULA	MAX	90 62	90 62	85 71	88 73	86 70	84 74	84 72	88 72	80 69	79 60	82 62	83 58	86 60	86 59	92 64	94 72	91 68	94 68	91 69	92 70	90 60	91 68	84	84	84 53	82 58	79 61	85 61	76 56	72 43	85.7 64.1
EVERGREEN	MAX	89 66	90 63	91 68	82 71	80 72	85 71	90 71	90 70	92 72	83 61	84 62	85 61	88 60	87 67	91 67	93 71	94 70	94 69	95 70	93 69	86 65	87 67	80 64	87 54	83 59	82 62	78 63	74 62	86 55	76 45	86.5 64.9
FAIRHOPE	MAX	92 67	92 66	76 67	76 68	90 71	88 70	92	93	89 66	85 63	85 63	86 66	88 64	91 67	92 67	92 70	93 70	94 69	.91 69	84 68	84 65	79 65	88 63	85 57	82 60	83 65	79 64	86 60	79 54	79 46	86.4 65.1
FAYETTE	MAX	89 57	87 54	90 66	83 70	82 71	82 71	80 67	90 65	88 63	80 52	82 57	81 58	85 60	84 63	86 59	90 68	87 69	91 71	90 68	89 53	83 47	87 62	85 59	81 45	76 44	82 56	85 62	82 53	83 46	71	84.4
FORT MORGAN	MAX	93 76	91 76	82 71	82 71	88 77	86 78	88 78	92 78	84 75	85 70	85 70	85 75	84 72	89 74	89 74	90 79	88 77	90 79	87 77	81 74	84 70	79 72	86 70	84 66	78 68	83 71	79 69	83 72	78 65	78 58	85.0 72.7
FRISCO CITY	MAX	92 67	88 65	90 69	83 72	76 70	81 71	91 69	92 69	93 71	85 62	77 62	85 65	88 63	89 68	90 66	92 72	91 72	91 69	91 70	90 66	85 66	84 68	80 65	87 54	80 59	80 64	78 64	76 62	84 55	75 46	85.5 65.4
GADSDEN	MAX	91 56	88 51	91 60	85 70	88 70	74 70	85 69	90 64	88 64	81 50	80 53	82 56	82 50	84 58	86 56	90 62	88 67	92 66	90 67	88 50	82 43	86 52	84 60	82 41	74 44	78 56	73 60	72 61	81 47	81	83.9 57.0
GENEVA	MAX	93 67	92 63	92 70	87 70	85 71	93 72	89 72	94 70	94 70	83 62	80 59	87 60	87 55	89 62	92 65	95 69	92 69	94 67	96 68	88 70	87 66	84 69	88 68	91 56	85 63	81 64	76 64	82 65	87 52	78 46	88.0
GOODWATER	MAX	86 66	85 62	85 69	83 71	80 72	75 72	88 68	89 66	89 66	79 60	76 59	79 59	83 54	85 61	85 63	91 67	91 68	93 69	92 70	85 53	83 45	87 64	81 62	85 49	77 55	77 60	70 59	72 60	85 53	70 41	82.9 61.4
GREENSBORO	MAX	91 65	93 60	89 71	79 73	86 72	86 74	92 73	92 70	85 69	83 58	84 61	85 63	84 64	88 66	88 66	91 72		92 72	91 71	86 65	86 56	83 69	84 66	79 51	80 53	84 61	78 64	82 60	73 51	74 43	85.3 64.4
GREENY ILLE	MAX	90 69	90 63	83 69	80 72	85 72	90 73	89 72	91 72	82 72		84 61		86 60	88 66				91 70		86 68			85 i 65	81 55	80 59	78 63	74 64	83 66	77 57	75 45	84.8 65.5
HALEYVILLE	MAX	83 68	89 62	85 64	81 67	82 69	81 69		85 67	83 62	75 50	78 53	79 57	80 59	78 65	80 64	85 67	90 68	87 70	84 72	82 59		80 65	81 54	77 49		75 52	79 57	77 60	57	47	81.5 60.8
HIGHLAND HOME	MAX	86 69	89 63	89 68	83 73	85 71	91 70	91 71	91 70	83 70					87 64				93 70		84 68			85 64	79 53	80 58	75 62	74 61	83 63	73 53	73 45	84.3 64.4
RUNTSVILLE	MAX	84 55	88 50	83 70	87 72	75 71	80 69	87 66	84 63	77 60	78 52	79 61									78 49			77 56	73 44			72 60	55	46		59.0
LA PAYETTE	MAX	85 62	86 59	85 68	83 69	82 70	89 71	88 69	90 66	80 65	77 56	80 54	80 55	85 52	86 62	91 63			92 68		85 67			87 63	78 50	78 49	69 58	71 58	85 60	75 50	74 41	83.3
LINCOLN	MAX	87 63	90 63	87 68	88 76	80 74	88 75	90 68	89 66	83 62	81 55	86 60	83 59	80 58	87 60	90 56	92 64	91 65	93 66	89 68	83 54	88 46	86 62	83 61	78 43	82 46	75 60	75 60	81 57	75 50	78 41	84.6 60.2
LIVINGSTON	MAX	88 63	88 59	85 70	80 73	88 73	84 71	92 72	91 68	82 68	82 58	83 63	86 64	87 66	86 67	86 65	92 69	93 70	91 73	91 73		86 56	84 69	84 65	77 51	80 50	83 59	80 64	83 56	73 51	72 42	84.7 63.9
LOCKHART	MAX	91 69	88 65	89 70	81 73	82 71	88 73	89 75	90 72	91 70	82 62	79 62	84 63	85 59	87 67	89 67	93 70	90 70	91 70	92 70	87 72	87 68	83 68	79 64	87 58	82 60	79 65	78 64	78 65	85 55	77 46	85 .4 66 .1
MADISON	MAX	84 53	89 48	84 63	87 64	75 66	80 65		84 62		80 48	79 52	84 55	75 59			80 68				79 52			79 55	73 43				76 56	67 45		81.0 57.1
MAXWELL FIELD	MAX	89 70	90 64	86 73	84 74	81 75	90 74	88 72	92 72	85 69	81 63	82 63	84 64	85 62		90 69	90 73	91 72	92 73		85 69			87 64		78 60			83 58	75 54	75 48	84.4 66.4
MODILE W. VIRECRI	MAX	90 71	90 68	78 70	78 70	82 72	89 73	92 72	92 74	84 69	85 65	84 65	85 69	85 68	90 71	90 71	91 73	89 73			85 70			88 66					84 62	76 53	74 47	84.7 67.4

See reference notes following Station Index

DAILY	TEM	PERA	ATUR	ES
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	AL	AB	AMA
SEPTEMB	R	1	949

Table 5-Continued										77.1			111				OII													S	EPTE	MBER	1949
Station						,		,								Day	of mo	nth						, ,			,						rage
J. J. J. J. J. J. J. J. J. J. J. J. J. J	,	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
MOBILE WB CITY	MAX	92 73	91 69	78 73	77 73	84 75	88 77	92 74	92 74	84 72	84 67	86 68	86 72	88 72	91 72	89 74	89 78	89 78	89 76	89 75	84 73	84 72	80 72	87 69	80 61	82 64	81 70	74 67	83 65	. 75 58	, 75 51		84.8 70.5
MONTGOMERY WB APT	MAX	90 67	90 61	85 70	86 72	82 73	90 73	89 71	91 71	85. 66	81 61	84 61	85 60	85 59	90 67	92 67	92 70	93 70	92 70	88 69	87 62	88 58	83 69	87 61	82 53	78 57	72 62	78 61	85 56	75 51	76 44		85.4 63.7
MONTGOMERY WB CITY	MAK	88 70	89 64	85 72	83 73	81 73	90 74	89 72	91 73	84 68	79 64	82 62	84 63	86 63	87 69	90 69	91	92 74	92 73	86 73	85 66	38 60	82 70	87 62	79 56	78 60	72 63	75 63	84 58	73 53	75 48		84.2
MUSCLE SHOALS	MAX MIN	80 60	86 52	80 64	85 68	74 70	81 68	88	83 66	76 59	78 52	79 55	82 59	80 64	83 63	89 61	76 68	88 70	86 70	83 64	78 52	84 46	86 60	75 56	70 49	75 45	78 56	75 58	79 55	66	74 43	l	79.9
ONEONTA	MAX	90 56	87 52	90 59	84 70	80 70	73 69	85 67	90 63	89 62	79 50	78 52	81 55	83 56	85 55	85 56	90 63	89 65	92 68	91 67	88 49	81 45	88 56	85 59	81 41	74 47	78 50	74 58	72 57	82 47	68 35		83.1 56,6
OZARK	MAX	90 67	89 64	84 69	85 71	90 71	91 73	89 74	91 72	86 71	81 63	85 59	86	85 59	89 66	95 67	68 70	94 71	94 70	90 69	88 71	84 62	81 69	85 66	83 56	82 60	75 65	78 63	87 65	82 54	78 46		86.2 65.4
PRATTVILLE	MAX	88 66	91 62	85 71	83 72	79 74	90 73	88 71	90 69	83 71	81 63	85 61	80 68	85 58	87 66	90 65	92 69	93 69	94 72	85 75	85 68	88 57	83 69	86 67	80 57	78 62	74 63	76 63	86 64	73 52	74 47		84.4 65.5
PUSHMATAHA	MAX	90 69	90 57	88 65	83 70	75 72	85 70	85 71	89 68	90 70	81 57	81	84 62	84 61	84 67	86 66	88 70	91 70	89 71	90 73	91 70	87 57	83 61	81 66	83 50	79 50	79 55	81 61	80 55	82 51	71 45		84.3 63.0
ROBERTSDALE 7 MI E	MAX	90 69	91 67	80 70	76 71	86 71	85 72	91 74	92 73	88 71	82 65	84 65	85 68	86 65	91 70	90 69	88 71	89 71	90 70	87 71	82 69	79 69	78 69	88 65	84 60	79 62	81 67	79 66	85 63	79 58	76 49		84.7 67.3
ROCK WILLS	MAX	90 61	88 57	85 68	86 72	80 71	89 72	91 70	92 65	84 65	79 58	81 56	83 55	87 52	90 60	92 58	92 65	92 65	92 65	90 68	86 63	89 48	81 68	87 63	80 49	80 48	77 60	72 60	86 58	71	76 43		84.9
SAINT BERNARD	MAX	88	84 52	89 63	85 71	85 72	73 72	78 68	88 68	86 62	78 54	79. 57	79 56	85 58	87 59	84 58	89 65	86 68	89 68	91 71	85 52	79 48	85 56	85 59	78 46	72 47	78 53	78 60	72 56	81 49	65 41		32.0 58.9
SAND MTN STA FRM AP	MAX	81 65	85 52	82 67	82	75 69	77 68	85 65	84	77 59	75 51	76 55	77 57	77 55	79 57	85 59	84 66	86 66	88 70	84 67	77 49	81 47	82 63	77 57	71 43	77 53	69 58	68 58	78 58	66 45	71 38		78.5 58.4
SCOTTSBORO	MAX	85 57	90 53	83 68	86 68	75 70	79 67	90 63	85 64	80 57	81 53	83 57	85 58	75 55	85 59	90 58	81 68	91 68	87 69	87 67	81 50	85 48	88 59	81 55	74 45	78 47	73 57	69 61	73 60	68 46	76 41		81.5 58.3
SELMA	MAX	93 65	93 60	89 71	82 72	83 72	90 74	92 72	92 70	85 71	84 60	87 63	87 62	83 61	91 65	91 65	92 70	93 70	93 71	92 73	89 66	89 57	83 69	89 67	82 52	82 57	82 63	76 63	86 60	78 53	78 44		89.9 64.6
SPRING HILL	MAX	89 72	90 67				92 70	89 73	92 74	92 72	84 65	85 66	87 69	88 69		92 72	92 74	92 74	91 74	94 73	91 70	82 70	82 70	78 66	88 58	82 60	81 67	82 67	73 63	85 57	76 49		86.5 67.7
TALLADEGA	MAX	87 59	88 57	86 69	84 74	78 72	88 72	90 70	89 64	81 65	79 54	82 58	84 61	85 53	86 60	90 60	92 65	92 67	93 68	88 70	83 58	88 48	82 66	84 65	78 45	81 50	75 60	75 61	86 61	71 49	79 39	and the second	84.1 60.7
THOMASVILLE	MAX	88	89 62	82 69	75 74	84 73	89	88 69	90 70	82 69	81 60	84	86 62	87 65	88	89 67	92 72	93 72	93 71	86 71	85 67	87 62	82 67	85 62	78 51	80 56	80 61	74 63	83 61	71 52	74 44		84.2 64.7
TROY	MAX	90 69	89 64	88 69	85 71	88 71	81 73	81 72	83 71	90 70	85 62	78 60	84 60	85 60	87 65	90 67	92 72	94 72	95 69	94 71	88 69	87 62	90 69	91 66	87 55	83 59	81 64	70 62	76 64	85 53	75 45		85.7 65.2
TUSCALOOSA AIRPORT	MAX	89 62	89 58	88 71	84 72	86 71	86 72	92 72	90 68	82 62	82 56	86 61	86 65	85 63	86 64	90 62	92 69	93 71	92 72	94 70	84 56	88 51	85 70	83 58	76 48	82 52	84 61	82 60	85 56	71 46	73 42		85.5 62.0
TUSKEGEE	MAX	66	89 60	92 70	88 72	86 72	87 74	90 78	86 70	90 70	86 60	80 58	84 58	84 56	88 66	90 64	96 68	94 70	96 68	96 68	90 68	90 56	92 68	86 66	88 52	82 54	80 60	70 60	76 62	88 50	76 42		86.9 63.5
UNION SPRINGS	MAX	89 64				91		83	92	86 67	82 59	85 58	86 58	87 55	91 62	93	94 69	95 69	94	89 66	87 67	91 58	81 68	88 65	81 57	82 56	76 61	76 59	85 57	77 50	76 41		86.0 61.3
UNIVERSITY	MAX	89 64	91 59	86 71	82 74	85 72	83 74	93 74	90 70	82 63	82 58	84 61	84 64	82 63	85 63	8 9 63	91 69	92 71	90 72	95 71	86 60	8 9 55	85 71	85 60	77 50	83 53	85 62	80 62	86 58	72 50	73 42		85.2 63.3
VALLEY HEAD	MIN	84 63	83 51	82 67	81 70	82 71	80 67	87 64	85 64	75 54	76 50	76 51	75 56	80 54	83 59	82 56	83 61	89 64	89 64	88 60	77	83 51	82 61	77 51	70 40	72 45	68 58	67 59	75 58	64 43	59 37		78.5 56.5
WETUMPKA	MAX	91 66	92	84 72	83	80 74	89 75	90 73	87 70	87 71	81 61	83 62	86 62	85 59	90 67	90 67	92 72	93 72	94	93 73	87 66	88 58	88 70	89 70	63 52	78 59	75 64	77 64	75 66	86 54	78 44		85.8 65.7

EVAPORATION AND WIND MOVEMENT

r-11- C

Table 6																																		
C. II																Day	of m	onth																und
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24				28	29	30	31	Tota	Depe
AUBURN	EVAP	.20	.32	.23	.16	.15	.09	.02	.22	.26			.23		.18		, 23	.24		.27	.09		.19	.13		. 24	.19	.03			. 28 105		6.11 853	
FAIRHOPE	EVAP	.21	- 24	.06	20	.11	.11	.18	.22	.11	.18	.17	.26	.03	.16	.15	.14	.18	.18	.15	.05	.08	.10	.12	. 23	.12	.12	.14		.21	. 17 25		B4.49 397	

									SEP	PTEMBER 1949
Station	ON County	Drainage† Latitude Longitude	Terror Temp. Open.	Observer	Refer to tables	Station	ON County	Drainage † Latitude Longitude	Observer vation time Observer Limit Observer Observer	Refer to tables
ABBEVILLE ADDISON ADDISON CENTRAL TOWER ALABAMA STATE FARM ALBERTY LLE 1 MI 8 ALEKATORE CITY 6 MI NE ALICEVILLE ANDALUSIA ANNISTON WB AIRPORT	0008 HENTY 0063 WINSTON 0071 LAWRENCE 0117 LIMESTONE 0140 WILCOX 0148 MARSHALL 0163 TALLAPOOSA 0178 FICKENS 0252 COVINGTON 0272 CALHOUN	4 31 34 85 15 2 34 13 87 10 2 34 25 87 19 12 34 81 86 53 1 32 .4 87 25 12 34 16 86 13 11 32 59 85 52 13 33 08 88 10 8 31 10 86 30 7 33 35 85 51	1500 7A	J. P. MITCHELL PALMER GODST U.S.F.S. ALA. POLY. INST. ALA. POLY. INST. SINNEY J HARDY SR. PAT M. COURINGTON HOSIE PHILLIPS WM. M. GARRETT U.S. WEATHER BUREAU	3 4 3 4 3 3 3 5 2 3 5 2 3 5 2 3 4 5	LOCK NO 1 LOCK NO 2 LOCK NO 3 LOCK NO 4 LOCK NO 4 LOCK NO 17 MADISON MACKELLA MACHOLIA MACHOLIA MACHOLIA MACHOLIA MACHOLIA MACHOLIA MACHOLIA MACHOLIA MACHOLIA MACHOLIA MACHOLIA MACHOLIA MACHOLIA MACHOLIA MACHOLIA	4830 CLARKE 4835 CHOCTAW 4840 CHOCTAW 4840 CHOCTAW 4845 TALLAREGA 4875 MADISON 4996 JEFFERSON 5004 MARENGO 5108 PERRY 5116 DALLAS	13 31 33 88 01 13 32 08 88 02 13 32 17 88 01 7 33 38 86 11 2 33 28 87 26 12 34 42 86 45 3 33 30 86 51 1 32 08 87 39 3 32 37 87 18 3 32 26 87 14	28c. 7A.1 1.No. NEER 1	3 4 3 3 2 3 2 4 2 3 5 3 3 4 3 4 3 4
ARLEY ASHLAND ASSYLLE ATSENS ATMORE STATE FARM AUBURN SCS 10 AUTAUGAVILLE BANTON BAY BIMETTE	0338 WINSTON 0369 CLAY 0377 ST. CLAIR 0390 LIMESTONE 0402 ESCAMBIA 0422 LEE 0427 LEE 0440 AUTAUGA 0546 COLBERT 0583 BALDWIN	2 34 04 87 13 11 33 16 85 50 7 35 50 86 16 12 34 48 86 59 8 31 10 87 29 11 32 36 85 30 11 32 36 85 29 13 2 26 85 30 12 34 43 87 52 9 30 53 87 47	880 70 7A 7A 7A 7A 8B 8B 8B 8B 7A 7A 7A 7A 7A 7A 7A 7A 7A 7A 7A 7A 7A	MCS. LESSIE HILLER EXHRY L. MC QUEEN NORMAN R. PRICKETT TVA-62 ATHORE STATE FARM MCS. MARTEA I. MOORE SCS J. B. NEIGEBORS TVA-662 GROVER W. WOODWARD	3 4 3 3 4 5 2 3 4 5 6 3 4 3 3 4 3 3 3 5 6	MARTIN DAW MAYWELL PIELD MELVIN MELVIN MERTZ 3 MILES E MIDWAY MILLERS PERTY MILLERS PERTY MILLERS DAM MODELLE WE AIRPORT MOBILE WE CITY	5140 TALLAPOOSA 5202 MONTGOMERY 5354 CHOCTAW 5382 BIBB 3597 BULLOCK 5417 WILLOCK 5439 MACON 5465 CHILTON 5478 MOBILE 5483 MOBILE	11 32 40 85 55 1 32 25 86 25 13 31 56 88 27 3 32 53 87 20 4 32 04 85 32 1 32 06 87 22 11 32 27 85 54 7 32 48 86 27 9 30 41 88 12 9 30 42 88 02	7A JOHN R. LAND 600 8A USPS WID MATESW W. HALL 78 8A NORMAN D. WILLIAMS 206 8A T. C. CARR 350 MID MID U.S. WEATHER BUREAU 2 10 MID MID U.S. WEATHER BUREAU 2	3 5 3 5 3 4 3 3 4 3 3 4 5 2 3 4 5 5
BEATRICE BELGREEN BERRY PERAR 2 WILES SE FILLINGSIEY BIRMINGHAM WE CITY BIRMINGHAM WE CITY BIRMINGHAM WE CITY BIRMINGHAM WE CITY BIRMINGHAM WE CITY BIRMINGHAM WE CITY BIRMINGHAM WE CITY BIRMINGHAM WE CITY BIRMINGHAM WE CITY	0616 MONROE 0631 PRAMELIN 0748 PAYETTE 0790 MARION 0823 JEFFERSON 0836 JEFFERSON 0836 COLDERT 0957 MARIALL 1069 CRENSHAW	1 31 44 87 13 12 34 28 87 52 2 33 40 87 36 13 34 12 88 09 32 40 86 41 2 33 34 86 45 2 33 32 86 50 12 34 9 88 5 2 14 13 86 15 2 14 13 86 15 2 14 13 86 16	910 HID MID MID MID 74 610 MID MID 694 7P 7P 470 7A 284 8A	W. P. DUIN TVA-43 TVA-43 TWA-43 WM. H. WHITELEAD LEONARD, WILLON U.S. WEATHER BURGAU MRS.CARRIE B.HORTON TVA-42 MILFORD H. DOOLEY MILFORD H. DOOLEY MILFORD H. DOOLEY	3 4 5 2 3 5 5 3 3 4 5 5 5	MONTE SANO MONTEVALLO MONTGOMENY WB AIRPORT MONTGOMENY WB CITY MOLIFON MUSCLE SHOALS NEW BROCKTON NEW BROCKTON NEW BROCKTON NEW BRAKET NEWTON	5529 MADISON 5537 SHELBY 5550 MONTGOMERY 5555 MONTGOMERY 5749 COLBERT 5842 COPPEE 5847 FRANKLIN 5862 MADISON 5875 DALE	12 34 45 86 31 3 33 06 86 53 1 32 18 86 28 1 32 23 86 18 1 4 4 8 7 7 12 34 44 87 35 12 34 29 87 35 12 34 26 86 26 5 31 20 85 37	540 MID CAA	3 3 4 5 2 3 4 5 5 4 5 5 3 4 5 5 3 4 5 3 4 5 3 4 5 3 5 3
BREWTON 3 MILES SSE BRIDGEPORT 2 MILES ® BRUNGIDGE CALERA CAMPBELL CARBON BILL CENTER GROVE CENTEVILLE CHATOM CHILDERSBURG	1084 ESCAMBIA 1099 JACKSOH 1178 PIKE 1286 SHELBY 1315 CLARKE 1397 WALKER 1492 MORGAN 1520 BIBB 1566 WASHINGTON 1615 TALLADEGA	6 31 04 87 03 12 34 56 85 44 5 31 43 85 49 7 33 06 86 45 13 31 55 87 59 2 33 54 87 59 2 33 54 87 08 13 31 28 88 15 7 33 17 86 21	85 GP GA 660 5P 515 8A 500 8A MID 7A 780 7A 230 GP 7A 6P GP	MRS. CLARA T. PEAVY MISS M.LOUISE JONES GEO. L. HICKS ZEMMA P. ROLCOMBE WM. H. GRIFFIH, JR. MISS MARY C. RAY U.S. DEDT. INTERIOR W. D. HOLLIPIELD CHAS. C. SMITH ALABAMA POWER CO.	2 3 5 3 3 4 3 4 3 5 2 3 5 2 2 3 5	OMEONTA ORRYILLE OCARK PAINT ROCK PAINT ROCK PAINT ROLE PERRYVILLE PETEMAN PICKENSVILLE PINE BILL PINE LEVKIL	5121 BLOUNT 5161 DALLAS 5218 DALLS 6218 DALLS 6226 JACKSON 5246 JEFFERSON 6362 PERRY 6370 MONROB 6414 PICKENS 6460 WILCOK 6468 MONTGOMERY	2 33 57 86 30 1 32 18 87 14 5 31 23 85 39 12 34 40 86 20 3 33 44 86 39 3 32 37 87 16 13 33 13 88 16 1 31 59 87 36 6 32 04 86 04	200 SA EDWARD B. WARREN	2 3 5 2 3 5 3 4 3 3 3 4 3 3
CITROWELLE CLANTON CLANTON COPPEE SPRINGS COLLINSVILLE COLUMBIA COM DOVA CUBA DADEVILLE DADEVILLE NO 2	1685 MOBILE 1694 CHILTON 1725 BARBOUR 1807 GENRYA 1849 DE EALB 1865 HOUSTON 1940 WALKER 2079 SUMTER 2119 TALLAPOOSA 2124 TALLAPOOSA	9 31 05 88 14 7 32 51 86 38 5 31 53 85 25 7 34 15 85 52 3 31 18 85 52 3 31 18 85 52 3 31 18 85 71 13 32 26 88 23 11 32 50 85 46	331 6P 6P 590 7A 7A 590 7A 7A 255 6P 734 7A 130 8A 334 6P 8A 215 7A	B. O. JONES RUGE M. SIMPSON EDWARD B. POPE MRS. J. VIRCIL BYNUM MRS. S. CUNNINGEAM COY THOMPSON MRS. C. GRESHAM REUDEN P. HARRIS DR. W. B. FULTON JAY D. LANE	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	PLANTERSVILLE PLEASANT GROVE SCHOOL PLEASANT HILL PRATTYILLE PRINKOSE FAM PUSHMATAHA RED BAY REFORM RIVER FALLS RIVER FALLS RIVER FALLS RIVER FALLS RIVER FALLS RIVER FALLS	6508 DALLAS 6521 JACKSON 6526 DALLAS 6640 AUTAGGA 6684 MONTGOMERY 6719 CHOCTAW 6803 FRANKLIN 6847 PICKENS 6937 COVINGTON 6942 COVINGTON	1 32 39 86 56 12 34 57 85 55 1 32 09 86 28 1 32 28 86 28 1 32 20 86 15 13 32 12 88 09 13 33 23 88 01 6 31 21 86 33	BA O. H. BARNES 7A ITVA-695 MID CHARLES M. HENRY 281 6P 6P CONTINENTAL GIN CO. 2	3 3 3 4 2 3 5 3 5 3 6 3 3 4 3 5 3 4 3 5 3 4 3 5 3 4 3 5 3 5 3
DANCY DANVILLE DAYTON DECATUR DECATUR NO 4 DECATUR NO 5 DECATUR SUBSTATION DEMOPOLIS DOTHAN CAA AIRPORT ELSA ELSO	2141 PICKENS 2149 MORGAM 2188 MARENGO 2207 MORGAM 2216 MORGAM 2221 MORGAM 2221 MORGAM 2372 HOUSTON 2377 COFFEE 2632 TUSCALOGSA	13 33 01 88 17 12 34 25 87 04 13 32 21 87 39 12 34 37 86 58 12 34 37 86 59 12 34 36 86 59 12 34 36 86 51 13 32 31 87 51 5 31 15 85 27 10 31 25 86 04 13 33 15 87 48	573 6P 8A 600 6A 588 8A 100 7A	E. F. SMITH TVA-503 JAMES M. CREWS MRS. FREDA THIMBLE TVA-63B TVA-411 J. A. ROBERTSON CAA DOZIER B. ROBERTS E. V. BERRY	3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	ROBERTS DALE 7 MILES E ROCK MILLS SAINT BERRARD SAND MIN. STATE FARM AP SATRE SCOTTSBORD SCOTTSBORD SUBSTATION SEALE 7 MILES WAW SELMA SKEMFIKLD TVA JRSY	G988 BALDWIN 7025 RANDOLDH- 7137 CULLMAN 72207 DE KALB 7282 JEFFERSON 7304 JACKSON 7310 JACKSON 7316 DALLAS 7415 COLBERT	9 30 33 87 36 4 33 09 85 18 2 34 12 86 57 12 34 17 85 58 2 33 43 86 58 12 34 41 86 02 12 34 41 86 01 4 32 18 85 17 1 32 25 87 00 12 34 46 87 42	745 6P 0A JAMES B. BAILEY 2 802 7A 7A FR. PREDERICK SMITE 2 1195 6P 6P ALA. POLY.INSTITUTE 2 304 7A DORA R. WEBSTER 660 6P 6F MRS. KINZIE BOBO 2 660 7A TYA-76A 358 BA B. G. BUSH	2 3 5 2 3 5 2 3 5 2 3 5 3 5 3 5 3 5 3 5
EUFAULA EVITATO AND TO THE STREET FAIRMOPE FALLS CITY 6 MILES NO FAILS COUNTY FAYLET FALLS ROUN THE STREET FAILS AT ROUN THE STREET FAILS AT LOCK	2727 BARBOUR 2 4.1 145145 2758 CONECUH 2813 BALDWIN 2840 MORGAN 2867 MADISON 2867 MADISON 2863 FAYETTE 44 1477 ON 2976 LAUDERDALE	4 31 53 85 08 2 62 17 8 16 6 31 26 86 58 9 30 32 87 55 12 34 22 86 55 2 34 04 87 20 12 34 36 86 34 13 33 41 87 50 17 14 44 87 41 12 34 47 87 40	340 8A 8A 23 MID 5P 620 7A 650 8A 870 8A	HARRY E. MAUGANS T. HOLHROOK MR. JESSIE D. COLSON BAROLD F. YATES TVA-384 USFS TVA-387 LOIS V.EILLINGSWORT TVA-387 U. S. ENGINEERS	3	SHOEMAKER SPRINGS SLOCOMIN SNOW HILL SOUTH HILL SPRING FILL SWAIN SYLACAUGA SYLVANIA TALLA DEGA TALLA DEGA HORN WIN.TWR	7460 LIMESTONE 7777 GENEVA 7627 WILCOX 7671 DE KALB 7793 MOBILE 7968 JACKSON 7994 TALLADEGA 8012 DE KALB 8024 TALLADEGA 8032 TALLADEGA	12 34 51 87 12 5 11 06 85 15 1 32 00 87 01 12 34 24 86 02 9 30 42 88 10 12 34 33 86 13 7 33 10 86 13 12 34 34 85 7 7 33 26 86 06 7 33 18 86 04	665 7A TVA-385 548 8A ALABAMA POWER CO. 1400 7A TVA-386	3 5 3 5 3 5 3 5 3 5 3 5 5 5 5 5 5 5 5 5
SMAT DESMISSET SMRT MOMEGAN PORT I VENS FRE 177 GAY MAN VELL GAP MAN VELL GAP MAN VELL TENDER	104 LOWNDES 1037 FALIMIN 104 LOWNDES 105 FT WAR 105 CT. J.MAN 127 1 CENTYA 1499 COUNA 14 WALKER	6 .1 59 80 17 9 30 14 88 01 17 7 34 26 85 43 18 31 26 87 24 17 34 01 86 00 13 32 49 88 09 2 34 00 86 44 5 31 02 85 52 7 33 39 87 13	879 9P 9P	MRS.ISABEL C.HUGHES WM. H. CHANDLER JOHN W. PATE MRS. MELIA MCKENZIE G. ERNEST HOLCOMB PRANK J. PIELDS MRS. G. MC KENZIE REBECCA CAMPBELL C. PURVIS CONAWAY ALARAMA POWER CO.	2345	THOMASVILLE SW THORSBY 1 MHILE SW THURLOW DAM TIBBLE 2 MILES S TONEY TRAFFORD TROY TUSCALOOSA AIRPORT TUSCALOOSA AIRPORT TUSCALOOSA LOCK & DAM TUSKEDGE	8178 CLAREE 8204 CHILTON 8215 ELMORE 8223 WASHINGTON 8259 MADISON 9285 JEFFERSON 8380 TUSCALOOSA 8385 TUSCALOOSA 8388 MACON	13 31 55 87 45 1 32 54 86 44 11 32 32 85 54 13 31 20 88 15 12 34 54 86 44 10 31 49 85 58 2 33 14 87 35 11 32 24 85 42	MID SCS 288 5A ALAHAMA POWER CO. 226 8A RATTIE T. GIVENS 750 MID TVA-506 740 MID TVA-506 740 MID TVA-506 740 MID TVA-506 740 MID MID CAR 740 MID MID CAR 740 MID MID CAR 740 MID MID CAR 740 MID MID CAR 740 MID MID CAR 740 MID MID CAR 740 MID MID CAR 740 MID MID CAR 740 MID MID CAR 740 MID MID CAR 740 MID MID CAR 740 MID MID CAR 740 MID MID MID CAR 740 MID	3 5 5 3 4 5 3 4 5 3 3 5 5 3 3 5 5
GREEN BORGE CRESSILLE WO 2 GULF SHORES 2 MI SSE GUPTENSVILLE CHT WTR GUPTENSVILLE CHT WTR HAMELION RARRISBURG 6 MI SE ZATWETIELE	1511 RALF 1519 RITTLER 3559 BALDWIN 3559 BALDWIN 3578 MARSHALL MARSHALL MARSHALL 1511 HIN TON 3697 PERRY 3748 LOWNDES	2 32 42 87 36 6 31 50 86 38 6 31 50 86 38 9 30 16 87 40 12 34 22 86 17 12 34 26 86 24 2 34 14 87 38 13 34 08 87 59 3 12 48 87 11 32 11 86 35	220 6P 8A 444 6P 8A MID 10 MOON 610 MID 611 7A 947 6P 7A	N. HAMMER COBBS CECILE T. LEWIS ESTELLE LOWERY GULF STATE PARE TVA-403 TVA-70 ELMER L. SHIPMAN REX COOPER USFS MAXINE E. WATSON	2 3 5 2 3 5 3 4 3 4 3 2 3 4 5 3 3 3 2 3 4 5	UNION SPRINGS UNIONTOWN UNIVERSITY VALLEY HEAD VANCE VERNON WABLEY WALLACE WALNUT GROVE WATERLOO	8438 BULLOCK 8446 PERRY 8454 TUSCALOOSA 8469 DE KALB 8477 TUSCALOOSA 8517 LAMAR 8605 RANDOLPE 8637 ESCAMBIA 8648 ETOWAH 8686 LAUDERDALE	6 32 08 85 44 1 32 27 87 31 2 33 12 87 36 3 33 10 87 13 13 33 45 88 07 11 33 45 88 07 12 34 54 86 19 12 34 55 88 04	485 6P 8A MRS. DOROTHY SMITH 2	2 3 5 5 2 3 4 5 5 2 5 5 3 4 5 3 4 5 3 3 4 5 3 3 4 5 3 3 5 3 3 5 3 5
HELENA BIGHLAND HOME BIGHTOWER MIGHTOWER MISSANILLE SUBSTATION MINNSWILLE SUBSTATION MINNSWILLE SUBSTATION MINTON JACK S'N HOAL JACK S'N HOAL JACK SIN HAW	3783 SHKLBY 3816 CRENSRAW 3842 CLEBURIE 3869 FANKEL IN 4060 MADISON 4068 HADISON 4109 LAUSKIN 4109 FALLSADEGA 4209 CALROT V 4300 SE MORE	3 33 18 86 51 6 31 57 86 19 11 33 32 85 28 13 34 20 67 56 12 34 43 86 35 12 34 42 86 35 12 34 54 86 07 7 31 32 87 12 7 19 35 45 12 7 12 37 86 55	594 6P 6P 8A 6A 6A 6A 6A 6B MID MID 7A 475 8A MID	RUDOLPH ENGLAND LUKE JORDAN MRS. EARL LINDSEY FRAME L. BAYNES TVA-65 U.S. WEATHER BUREAU TVA-78 ALABAMA POWER CO- PLOY F. OWEN ALABAMA POWER CY-	3 5 3 3 4 5 3 4 3	WEST BLOCTOW WSTUMPEA WHATLEY WHEKLER DAM WINFIELD 2 MILES SW YATES HYDRO PLANT YOUNGS STORE	8809 BIBB 8859 ELMORE 8867 CLAWRENCE 8980 COLBERT 8998 FAYETTE 9103 ELMORE 8350 LAUDERDALE	3 33 07 87 07 7 32 32 86 12 13 31 39 87 21 12 34 47 87 21 12 34 48 87 37 13 33 56 87 49 11 32 34 85 54 12 34 57 87 54	8 A RUPLET M. DEARDEM 6 6 MRS. D. R. WHITAKER 2 7 8 80 7 7 8 8 7 8 7 8 7 8 7 8 7 8 7 8	3 5 3 5 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
LA FAYETTE LAN JAM LEE'R LEE'R LEE'R LEE'R LIN OLN LIN MANTON	4502 CHAIDHERS 4603 COOSA 4619 SEPPERSON 4627 CHEROKEE 4734 TALLADEGA 4798 SUMTER	11 32 54 85 24 7 32 58 86 31 3 33 39 86 3 7 34 11 85 46 7 13 37 87 07 13 32 35 86 11		CLARENCE H PINCHER ALABAMA PUBER CO MES MARY K LEE FURIL ENERGY CITY OF LINCOLN PROSE F. J. MURPHEY	2 3 5 1 3 4 3 5 2 3 5 2 3 5					

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a State.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Deless otherwise indicated, dimensional units used in this bulletin are: Temperatures in "P, precipitation and evaporation in inches, and wind sovement in miles. Evaporation is measured in the standard Venther Sureau type pas of 4 foot diameter unless otherwise above by footsots following Table 6.

Then bourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.

Amounts in Table 4 are from recording gages. Traces are not shown.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Omta in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

- No record.
 And also on later dates.
 And also on later dates.
 And also on later dates.
 And also on later dates.
 And also on later dates.
 And also on later dates.

 Precipitation measured at 6-hourly intervals, no recording gage.

 Precipitation measured at 6-hourly intervals, no recording gage.

 Water equivalent of solventy intervals, no recording gage.

 Sation equipped with recording gage at lable 5 for detailed daily record.

 Station equipped with recording gage ally.

 Trace, an amount too small to measure.

 Includes total for previous month.

 Bourly amounts from recording gage at the same site may be found in Table 4.

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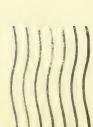
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CLIMATOLOGICAL DATA

ALABAMA

OCTOBER 1949

Volume LV No. 10



ALABAMA - OCTOBER, 1949

A. R. Long, Section Director - Montgomery

General Summary

October was continuously warmer than normal after the first two days. Rainfall, which was mostly light, was frequent in many areas. There was an area extending from Cullman County northeastward through Jackson County in the northeast where rainfall for the month was about two to three times the normal amount, but otherwise no extensive areas had much more than normal rain.

The first 17 days were a period of light to moderate scattered showers when rain occurred somewhere in the State nearly every day. There was little rain of consequence from the 8th to the 24th, but scattered showers began again on the 25th and became nearly general on the last two days when heavy rain was reported over much of the northeast and in some localities in other areas. About a third of the stations had monthly maximum temperatures as high as 90 degrees during the second week. No frosts or freezes occurred.

As a result of the showers being scattered and uneven, there were, until late in the month, wide local variations in soil moisture conditions. Some areas in the southeast were in need of rain by the 10th. By the end of the third week the soil was getting too dry in most central and southern counties, and, although fall planting of winter grains and legumes continued normally in these sections, dry soil retarded germination. These crops were greatly benefited by precipitation during the last few days.

Harvesting operations made good progress. Cotton picking was mostly finished in the south by the middle of the month and was well advanced in the north as the month ended. Also, at the end of the month, peanut threshing was 75 percent finished, corn harvesting was about 80 percent completed in the south and 25 percent completed in the north, soy beans were mostly saved, a large part of the sweet potato crop was dug, and pecans were being gathered.

There were no floods or violent local windstorms.-FCP

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrolgic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages—mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau type the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

rrevious to the introduction of this bulletin series, data from Hydroclimati Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C. Previous to the introduction of this bulletin series, data from Hydroclimati

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

PRESSURE, WIND, HUMIDITY, SUNSHINE, DEGREE DAYS

ALABAMA OCTOBER 1949

	Sea lev	el pressure	extremes—in	ches		Wind spee	ed-m. p. h.		Relativ	e humidity	averages-	percent	Sunshine	
Station	Highest	Date	Lowest	Date	Average	Махішиш	Direction of maximum	Date of maximum	1:30 a. E.S.T.	7:30 a. E.S. T.	1:30 p. E.S.T.	7:30 p. E. S. T.	Percent of possible	Degree days
ANNISTON WB AIRPORT	30.30	2	29.73	31	6.4	-	-	-	89	90	60	79	-	4.1
BIRMINGHAM WB AIRPORT	30.33	1	29.73	30	7.4	29	E	2	87	89	60	79	37	39
MOBILE WB CITY	30.25†	23	29.77†	30	8.1	46	ИМ	31	93†	94†	71†	87†	49	13
MONTGOMERY WB CITY	30.28†	1	29.76†	30	6.5	23	NW	31	88†	92†	60†	76†	53	13
† AIRPORT DATA														

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COMPARATIVE DATA

Table 1																	
	7	l'emperatur	0	Precipi	tation			Temperatur	е	Precipi	tation			Temperatur	Э	Precipi	tation
Year	Average	Highest	Lowest	Average	No. of days .01 or more	Year	Āverage	Highest	Lowest	Average	No. of days	Year	Average	Highest	Lowest	Average	No. of days .01 or more
1884 1885 1886 1887 1888	69.9 60.0 64.9 62.1 62.4	99 86 91 87 87	28 26 28 22 30	1.43 2.77 0.39 3.42 4.04	4 6 2 5 7	1909 1910 1911 1912 1913	64.0 66.7 68.9 66.3 61.3	96 98 101 98 94	25 21 30 29 19	1.58 3.20 3.12 3.01 2.21	3 6 6 5	1934 1935 1936 1937 1938	67.1 67.5 67.1 63.1 66.7	92 92 94 98 97	31 30 30 23 26	6.42 1.73 2.12 6.00 0.33	6 3 5 10
1889 1890 1891 1892 1893	61.8 62.7 61.1 65.0 63.1	90 93 96 94 95	27 24 23 23 22	0.80 4.07 0.24 0.56 2.15	3 7 1 2 3	1914 1915 1916 1917 1918	64.1 67.1 64.8 58.4 69.0	90 94 97 95 94	24 28 26 22 38	2.88 4.93 1.74 1.46 8.67	6 8 3 3 1 3 1 2 1 2 1	1939 1940 1941 1942 1943	66.9 66.1 72.0 66.0 61.9	94 95 98 91 92	26 34 34 25 26	0.38 1.40 2.14 1.99 0.86	3 3 5 6 2
1894 1895 1896 1897 1898	64.0 61.0 63.9 67.3 61.5	95 93 98 97 96	30 27 26 30 24	2.54 2.01 2.39 1.32 4.21	4 4 4 3 6	1919 1920 1921 1922 1923	74.4 64.8 63.0 65.3 63.7	99 94 91 92 97	46 24 29 32 28	4.63 1.12 2.32 2.56 2.65	8 2 4 6 4	1944 1945 1946 1947 1948	64.2 64.0 65.2 70.2 62.0	92 95 91 92 89	24 31 30 36 23	0.56 3.72 1.42 1.80 1.47	2 5 3 6
1899 1900 1901 1902 1903	66.4 69.1 62.9 63.7 63.6	92 98 92 95 97	29 44 31 26 22	2.21 5.52 1.06 3.66 1.84	4 6 2 4 4	1924 1925 1926 1927 1928	65.1 65.3 66.9 67.8 67.9	93 98 98 98 98	26 26 30 29 32	0.31 5.75 2.10 2.04 3.34	1 11 6 4 7	1949 Period	70.2 64.8	92	37 19	3,37 2,90	
1904 1905 1906 1907 1908	64.9 64.6 61.3 63.6 60.8	101 91 90 95 92	25 30 25 26 27	0.32 4.46 3.44 1.42 1.77	2 8 6 4 4	1929 1930 1931 1932 1933	63.1 62.5 68.3 62.8 66.5	89 88 97 89 98	30 23 30 30 30 32	5.10 2.72 1.76 6.47 1.95	7 5 3 7 4						

				Tempera	ture								Precipitati	ion				
				Ī	1		No. o	f days					Snov	w, Sleet, H	ail	N	o. of da	ув
Station	Average	Departure from normal	Highest	Date	Lowest	Date	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground	Date	.01 or more	.25 or more	1.00 or more
NORTHERN DIVISION																		
ALBERTVILLE 1 MI S ANNISTON WB AIRPORT BIRMINGHAM WB APT BIRMINGHAM WB CITY CORDOVA	66.6 68.2 68.8 71.1 68.8	4.3 5.2 6.4 6.3 5.7	87 87 86 91 89	21 6+ 7+ 13 7+	37 42 39 44 37	31 27+ 31 31 27	0 0 0 1	0 0 0 0	7.66 2.23 3.00 3.44 5.19	4.39 39 .58 1.02 2.12	2.00 1.30 1.39 1.26 2.69	27+ 30 30 31 31				8 16 14 13 6	5 1 3 3 5	4 1 1 1
DECATUR FAYETTE GADSDEN GOODWATER HALEYVILLE	67.6 67.3 67.1 69.7 65.9M	5.4 3.9 5.2	88 88 88 89 84	7 12 13 8 8	41 40 38 49	31 27 27 1+	0 0 0 0	0 0 0 0	2.66 4.86 4.56 3.06 3.19	41 2.17 1.25 .19	.98 1.73 2.05 1,31 .95	31 14 31 17 31				12 11 12 7 8	4 3 6	0 2 1 0
LINCOLN MADISON MUSCLE SHOALS ONEONTA ROCK MILLS	69.2 67.0 64.9 67.7 69.0	4.3 3.1 6.2	89 87 86 88 89	13 10 7 8+ 7	40 41 38 40 45	27 31 31 27 24	0 0 0 0	0 0 0 0	4.46 4.53 5.00 4.07 2.14	1.14 1.78 1.03	2.02 1.04 1.42 .98 .78	30 30 12 30 17				7 10 16 7 8	5 7 7 6 4	2 1 1 0 0
SAINT BERNARD SAND MTN STA FRW AP SCOTTSBORO TALLADEGA TUSCALOOSA AIRPORT	66.2 67.2M 67.9 69.9 69.8	4.5 6.7 5.8 5.1	86 83 89 90 89	8+ 7 7+ 13 11+	41 40 44 43 40	27 27 1+ 27 31	0 0 0 1	0 0 0 0	8.26 5.45 10.37 2.83 2.58	7.10 22 32	4.38 1.80 3.65 1.03 1.77	31 30 30 30 30				12 12 11 7	6 7 7 4 2	2 3 4 1
UNIVERSITY VALLEY HEAD	70.4 65.9	5.7	B9 85	12 14	39	31 23+	0	0	2.52 7.43	38	1.87	30				10	7	3
DIVISION	68.0								4.52									
MIDDLE DIVISION				1														
ALEXANDER CTY 6 NE AUBURN CENTREVILLE CLANTON DAYTON	69.4 71.1 72.5M 69.4 71.2	5.0 7.5 5.2	90 89 88 90	7 8 12+ 14 12	46 50 44 43	27 1 1 31	0 1 0 0	0 0 0 0	3.14 1.87 1.68 1.64 2.30	- 1.01 - 1.17 98	1.08 .59 .92 .97 .83	31 28 31 31 31				8 9 5 8 7	4 2 2 4	0 0 0
EUFAULA GREENSBORO GREENVILLE HIGHLAND HOME LA FAVETTE	72.0 71.7 72.0 71.9M 69.5	6.3 6.5 6.0 4.6	89 90 87 91 87	6 7 6+ 7 6+	51 42 48 47 48	20 31 31 31 31	0 1 0 1 0	0 0 0 0	1.17 1.10 3.55	- 1.47 - 1.46	.83	31				7 6 8	1	0 0
LIVINGSTON MAXWELL PIKLD MONTGOMERY WB APT MONTGOMERY WB CITY PRATTYILLE	71.0M 72.3 71.2 72.0 71.2M	7.3 - 5.4 6.2	88 89 90 88 89	11+ 14 7 7	44 42 42 50	31 31 31 31	0 1 0 0 0	0 0 0 0 0	2.92 3.20 3.27 3.13 2.03	.59	1.34 1.35 1.61	6 6 6 31				10 8 11 12 8	4 4 3 3 3	1 2 1 0
PUSHMATAHA SELMA THOMASVILLE TROY TUSKEGEE	69.8 73.3 71.7 72.2 71.7	4.6 7.8 6.0 4.4 4.6	88 92 90 90	13 13 13 8 8+	46 49 37 56 50	1+ 27 31 27 24	0 4 1 1 2	0 0 0 0	1.99 1.40 1.20 4.60 1.68	65 - 1.02 - 1.25 - 2.15 72	. 98 . 70 . 66	31 31 31				3 7 6 10 9	3 2 1	0 0 0
UNION SPRINGS WETUMPKA	70.7M 71.8	5.0	89 88	6+ 13	44	31 27	0	0	3.18 1.61	.27	1.02	26 31				9 5	5 3	1 0
DIVISION	71.3								2,33	2,00		-						
SOUTHERN DIVISION		1																
ANDALUSIA ATMORE STATE FARM BAY MINETTE BERWTON 3 MILES SSE CHATOM	73.6 73.7M 73.4 72.1 71.8	4.4	90 90 88 90 91	9 7+ 13+ 8 11+	56 46 44 49 43	1+ 31 31 20 31	1 4 0 1 4	0 0 0 0	1.69 .86 2.68 2.83 3.94	- - 1.67 24	.86 .50 .58 .77 1.73	28 3 2 7 30				7 5 12 8 10	2 1 5 4 3	0 0 0 0
CITRONELLE DOTHAN CAA AIRPORT EVERGREEN FAIRHOPE FORT MORGAN	73.8 73.0 73.1M 72.4 75.9	4.9 - 6.4 2.8	89 90 90 89 85	13+ 25 9 9 7+	47 44 52 40 51	31 31 20 31 31	0 1 1 0 0	0 0 0 0	3.63 2.98 1.99 4.03 4.45	.30 .21 77 .06	1.05 .71 .71 .89 2.43	8 29 9 2				7 10 7 13 10	6 4 3 6 4	1 0 0 0
FRISCO CITY GENEVA . LOCKHART MGBILE WB AIRPORT MOBILE WB CITY	73.1 73.1 73.7 72.7 74.7	5.4	89 90 89 88 88	7+ 24+ 7+ 19 9+	53 51 57 42 44	27 1 20+ 31 31	0 2 0 0	0 0 0 0	.84 2.96 2.50 4.03 1.52	- 2.15 .46 - - 2.08	.19 1.08 1.15 .97	31 30 9 2 2				8 6 8 14 9	4 3 6 2	1 1 0 0
OZARK ROBERTSDALE 7 MI E SPRING HILL	73.1 72.6 73.4M	5.3	90 88 88	6 23 7+	57 48 56	20+ 31 28	1 0 0	0 0	2.21 3.88 2.91	37 18 - 1.03	.79 1.11 .66	17 7 6				9 12 8	3 4 5	0 1 0
DIVISION	73.3								27.7									
STATE	70.2	5.4							33.7	0.47								

Table 3	OCTOBER 1														1949																	
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	7			18	19	20	21	22	23 2	25	26	27	28	29	30	31	Total
ABBEVILLE ADDISON ADDISON CNTRL TOWER ALABAMA STATE FARM ALBERTA	R	.03			.05	. 07	.60					. 42		.12	.10	.90									. 56	.30		20	. 49	.07 1.77 05 1	.15 .32 .93 .30	1.76 3.22 2.76 3.19
ALBERTVILLE 1 MI S ALEXANDER CTY 6 ME ALICEVILLE ANDALUSIA ANNISTON WB AIRPORT			.04	т	т	.03	. 33	.20	Т	. 16		. 04	.08 T	.02		.04	.26	.86							1,50 T	.15 .45 T	. 00	10 .20 86 .07		2 00 1 47 1 35 1 30	50 08 60 06 16	7.66 3 14 2 45 1 69 2 23
ARLEY ASHLAND ASHVILLE ATHENS ATMORE STATE FARM	//R Z			T . 50	.06	.09	. 09 . 59 . 29	.05	.03 T		. 35		.05 T	.05	.04	.34 .06	. 69 . 36 . 04 . 05	1.39	. 66				.07		.07	.29		.15 .36 09	.08	.97 28 1 29 13	25 51 82 ,90 11	2 98 2 59 5 80 2 59 86
AUBURN AUBURN SCS 10 AUTAUGAVILLE BARTON BAY MINETTE	R		. 49	T	.10	. 18	.18	.30	.01	. 06		. 27	. 34	.72	. 28	.12	.35	. 17					.03	т	.19 1.62 .36	.38		59 42	18	.06 30 13 T 1	28 55 59 .12 36	1 87 2.31 1 43 4.66 2 68
BEATRICE BELGREEN BERRY BEXAR 2 MILES SE BILLINGSLEY	. R R	-	-	.02	. 34	.03	.03	-	. 26	-	-	-	.48	.98	.09	.01	-	-	-	-	-	-	.33		.41	.04	. 40	т	.10	. 54	.10 .35 .62 .37 .27	1.50 4.75 2.42 1.48
BIRMINGHAM WB APT BIRMINGHAM WB CITY BISHOP BOAZ BRANTLY	z		T	T	.01 T .08 .02	.01	.12 .20 .42 .64	. 32	. 19 . 60	.01			.06	. 27 . 03 1.94 . 17 . 68	. 10 . 23 . 06	.08	.04	. 09	Т				T . 54		.02 T	T .03 .50	.02	.03	.01 T	1.39 .77 1 .56 1	.00	3.00 3.44 5.51 4.40 1.17
BREWTON 3 MILES SSE BRIDGEPORT 2 MI W BRUNDIDGE CALERA CAMPBELL	R	.02	.06	.10 T .24	т	.15	. 04	.77		.61		. 02	.13	. 45	.07	. 57	2.39 T .60	1.50	.01						.71	.31	.10	. 25 1.05		. 35 1	. 27 . 57 . 26	2.83 8.76 2.91 2.92 1.58
CARBON BILL CENTER GROVE CENTREVILLE CHATOM CHILDERSBURG			.17 .05 .08	. 20	.34	. 20 . 43 . 03 . 17 . 01	.45 .64 .52 .09	Т		.15			. 08	. 02	. 20 1. 60	. 83	. 30	. 20					.15		. 81	.40 .52 .16 .07	.17	. 82	Т	.70 1 1.07 1 1.73	.30 .92 .85	4.70 8.70 1.68 3.94 2.00
CITRONELLE CLANTON CLATTON COFFEE SPRINGS COLLINSVILLE		T	. 28 T . 61	. 02		. 62 T	.25 .03 .50 .42	.02	1.05			T	T .08		T		.11	.12	.10						.21 T		Т	.11	Т	.92 .26 .21 1.60 .44	.30 .97 .29 .10	3.63 1.64 1.35 2.20 4.59
COLUMBIA CORDOVA CUBA DADEVILLE DADEVILLE NO 2	R		.06	.10		.02 .07 .02	.05 .23 .27 .06 .05	.92				. 13	. 13	. 08	. 46 1. 40	. 37	.17	1.74							. 42	. 69 . 24	.17	. 85		1.00 .75 2 .04 1 .05 .54	.04	2.31 5.19 3.64 3.42 3.36
DARCY DANVILLE DAYTON DECATUR DECATUR NO 4			.05	.05	.04	. 12	.35 .44 .26 .24			т				. 83	.11	.13 .04 .29 .38	.09						.10		. 27 . 06 T	.13 .25 .10 .15		.13	.05	.83 .54 .07 .31 .21		1.48 2.33 2.30 2.66 2.74
DECATUR SUBSTATION DEMOPOLIS DOTHAN CAA AIRPORT ELBA ELROD	z	. 03	.01 T	. 03	. 03	.10	. 37	.04		. 85	. 64		. 23	, 28	. 37	. 31	T .09						.05		. 45	. 20	.16	. 20 T . 58	.71	.19 .14 T	.95 .76 .10 .36	2.70 1.90 2.98 2.40 2.88
EUFAULA EUTAW LOCK NO 7 EVERGREEN FAIRIOPE FALKVILLE	Z	. 03	. 10	. 05	.05	.03	.02 .02 .04 .44 .13	. 62	.85	.10 .71 .01			. 43	. 03	. 35	.05	.10	T						.01		.01		. 20	. 62	.18 .10 1	.50	2.98 1.99 4.03 3.66
FALLS CITY 6 MI NW FARLEY FAYETTE FLAT ROCK FLORENCE AT LOCK FORT DEPOSIT	R		.03	. 05		. 40 . 19 . 06	.73			. 09				. 66	.82 1.73 1.39	.33	. 40 . 43 . 64						.02		1.25 T	. 50		.19		. 65	.15 .49 .67 .57	3.70 3.84 4.86 7.55 4.35
	//Z Z	. 65	.14	т	T	. 04	. 20	. 68		.11	.21	. 05	.03	.07 T	. 02			1,55	.09							.03	•	. 03	. 25	.40 1.55 .11 .26 2		1,54 4,45 4,88 ,84 4,56
GARDEN CITY GENEVA GOODWATER GORGAS GREENSBORO	Z		. 31	. 05		.02	.14	. 88 T	T	T	. 04		.12		.14			. 64 1.31							т .05	. 47		.11 .05 .22 .02		1.08 .59 .50 3	. 55 . 52 . 78 3. 12	3.06 4.52
GREENVILLE GULF SHORES 2 MI SSE GUNTERSVILLE REC GUNTERSVILLE DAM HALETVILLE	R		T T .98	. 51		. 08	.06 .17 .23 .05	.10		.02			T 1.34 1.36	.11	т	. 50	,11 2,42	.09 .51 1.36					.15		.03	. 01		T		.05 1.06 5.11 .72	.74	1.17 4.06 10.54 7.00
EAMILTON EARRISBURG 6 MI SE EATNEVILLE EELENA EIGHLAND HOME	- E			т	.13 T	. 23	. 35	. 48 T		.12		.13	.07	T	. 38	. 39	.05	.16					.32		T	.34		.16		. 27	.76 .99 .92	2.93 1.49 2.06 3.42
BODGES BUDTSVILLE SUBSTA BYTOP JACKSON SHOALS JACKSONVILLE	R		T .02	T	.03	. 42 . 15 . 10 . 02	.54 .12 .40	. 07 . 52 T	.04			, 43	. 26		2.33 .30 .86 .43	1.20 .81 .68	.04	.10 2.20 .14					. 47			. 49 . 77 . 41	.11	.27		.10 1	. 67 . 48 . 82	5.70 4.79 7.77 3.72
JORDAN DAM LA FAYETTE LAY DAM LEEDS LEESBURG	Z	1	.02	T	T	.01 T	. 21	. 24		.22		. 16	. 25	. 19	.15	. 04	.20	1.44	.15				.01			.40		.36		.90	.71	2.35 3.55 1.64 2.96
LINCOLN LIVINGSTON LOCKHART LOCK NO 1	//z	I	.06	T .08		.07	.60 .05 .02 .34	. 22		1.15			.08	,13	. 86	. 30	. 17								.15	.05		. 25		2.02 1	.01	4.46 2.92 2.50 2.19
LOCK NO 3 LOCK NO 17 MADISON MAGELLA MAGNOLIA	R		. 28		.03	.08	.10 .03 .52 .09	.05		.07				. 05	. 55	. 52	. 20				,				. 44	.19		.36		.31 2 1.04 .05 1	.09 .61 .85 .46	1.82 3.30 4.53 2.93
MARION 1 MILE SSE MARION JUNCTION MARTIN DAM MAXWELL FIELD	R Z	.09	.08	T	T	.03	1.70	. 29		. 15		Т				. 44	.02								. 36		T	.24 T	.01	.03	. 02 . 63 . 38 . 08	1.92 2.35 1.43 3,20
					1							See	e relete	nce n d	es tollor	wing S	ation I	ndez								1		- 1	1	1		

Table 3—Continued	-															Day	-6 ==	n-th														CTOBER			
Station		1	-2	3	4	5	6	7		8	9	10	11	12	2	13	14	Day 15	7 of m	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
MELVIN MERTZ 3 MILES E MIDWAY MILLERS FERRY MILSTEAD	R	.07		-		.48	-	 	1	1	. 30	ndermon.	1 .0	1	-	.73			. 35	.12								. 31	. 46	.09	.06			. 24	1.90
MITCHELL DAM MOBILE WB AIRPORT MOBILE WB CITY MONTE SANO MONTEVALLO	z	.39	.49		.09		3 .04	. 04	54 . T	.01 T	.01	T	1			T	.34	.31 .20 .68 .10		. 29			.12					.16	. 55		.04 T		.55	.10 .04 1.60 1.82	1.52 4.95 2.18
MONTGOMERY WB APT MONTGOMERY WB CITY MOULTON MUSCLE SHOALS NEW BROCKTON	Z R	.25			.18	.01	7 .19	9		.05				14 T	08	.08	. 87	.01	.15					.11	T .10 .28		.05	.38 .26 .40 .34	.04	. 01 T	.01	. 01	.67	.13 .48 .46	3.13 2.96 5.00 2.24
NEWBURG NEW MARKET NEWTON ONEONTA ORRVILLE		.05			* T	.12		. 61					.2			. 58	.08	1.01		.10					.06			*	. 67		.41		.07 .98 .46	1.39 .34 .76 .52	.63 4.07 1.46
OZARK PAINT ROCK PALMERDALE PERRYVILLE PETERMAN	R	. 09	.08		.18		1.00	5		.13					04	.78	.08	. 02	.10	1.75								. 40			.34	.08	. 57	. 66 2.25 . 88 . 11	7.11 1.98 1.26
PICKENSVILLE PINE HILL PINE LEVEL PLANTERSVILLE PLEASANT GROVE SCH			.22 .70 .10		T	.14	.40	. 23	13						66	. 05	.30	. 35	.30						T			T	.42		. 82		. 68	.42 .95 1.00	3.08 1.45 6.00
PRATTVILLE PRIMROSE FARM PUSHMATAHA RED BAY REFORM		.10 T	.28 .41		T .02	.61	T .44	3 1.34 4 5			. 22					. 73	. 32		T . 60	.01					.39			.18	. 54		.05			.72 .98 .72 1.46	1.99 3.98 3.20
RIVER FALLS RIVER FALLS 2 MI NE ROBERTSDALE 7 MI E ROCK MILLS SAINT BERNARD	R	.09	.99	.10	.05		2 .42		LI .	. 21	.13	.04	-	1	02	.30	.19	.10	1.23	.78	-	-	-	-	-	-	-	.08	.29	. 48	.35	. 55	.18	.02	2.14 8.26
SAND MTN STA 7RM AP SAYRE SCOTTSBORO SCOTTSBORO SUBSTA SELMA			.16	.01 T	T T	.04	. 29 0 . 20 3 . 03 . 09	3 .05	5	.01	. 09				2	. 25 2.00 1.95	. 01		.27 .08 2.00 .30 .06	1.10 2.68		т						.07 .40	. 43		.30	. 09	1.80 .24 3.65 1.83 .02	2.10 .50 1.81 .70	3.39 10.37 9.39 1.40
SHEFFIELD TVA WRSY SHOEMAKER SPRINGS SLOCOMB SNOW HILL SOUTH HILL		T			.07	.40	2.50	2 . 28	18		. 10		. 3		02	. 35	.10	. 58	. !	1.60					,38			.14	.93		.32	. 02	* 1.10 .26 2.31	. 46	4.63 1.21 6.56
SPRING HILL SUTTLE SWAIM SYLACAUGA SYLVANIA		-	.51	.48	.25	.03	.29	-		-	-	T -	400		25	-	.20	. 20			.02				.04				.35		.22 .10 .24		.17 .45 .13 1.30	.64 1.68 .84 1.74	1.25
TALLADEGA HRN MT TR THOMASVILLE THORSBY 1 MILE SW THURLOW DAM	R		.01	.13		.18		. 42		.09	. 01			- 1	07 04 32	. 48		.11	.04 .21 .17 .29									. 02	. 26	*	. 41	.24	. 73	. 26 . 66 . 40 . 80	1.20 1.53 3.06
TONEY TRAFFFORD TROY TUSCALOOSA AIRPORT TUSCALOOSA LCK DAM	R Z Z	. 25	.03	.02	.01	Т	. 30	. 03	1.	.01	. 01			1.0	48	.05 * .06 .11	.51 .22 .07 .70	. 01	. 08	.35					.01			.05	.01		.29 .19 1.65 T		1.77	1,65 .46 .32 1.65	4.60 2.58 2.94
TUSKEGEE UNION SPRINGS UNIONTOWN UNIVERSITY VALLEY HEAD	z	.07	.17 .26 .03	.18	T	.26	.02	. 41	25	. 60				T	06 87 01	. 05	.04	. 02	.03	.02 .08	T								.45 1.02 .22	. 27	.46		.05 .20 .03 *	. 41 . 41 2.10	3.18 1.85 2.52
VANCE VERNON WADLEY WALLACE WALNUT GROVE	R			.01		. 59				.20	40				1	.33 .15 .90 L.64	. 55		-	.40					. 27			.47	15			. 01	1.23 - .35 .25	.35	2.02 4.22
WATERLOO WEST BLOCTON WETUMDEA WHATLEY WHEELER DAM		.12	.05	.18 T	,04			. 47	7		.01			T	11		.41		. 10	. 33			.40		.71	.02		. 63	.20		T . 04		1	.56 1.31 .68	1.61 2.05 3.57
WILSON DAM WINFIELD 2 MILES SW YATES HYDRO PLANT YOUNGS STORE				. 15	.02	.11	.26		4		.09				06	. 50	1.48 .23 .30		. 22	. 31					. 40	. 75		1.00	.34		. 62		.42	. 60 . 67 . 88 1.75	

Table 4							OIL					711		•									OC.	TOBER	1949
					A. N	A. Hou	u endu	ng									P. 1	4. Hou	ır endi	ng					78
Station	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
		*	•					-	=	1.		-ls	L_												
ABBEVILLE												-1S	[—			.02	.01								. 03
BERRY CAMPBELL DOTHAN CAA AIRPORT	-	-	-	-	-	-	-	-		-	-		*		-	.01	-	-					.01	. 01	.02
FORT MORGAN MIDWAY			.01	.04	.05		. 02		1		.03	.02			.03	.17	.08	.02	.08	. 07		. 02	.01	.01	. 64
MOBILE WB AIRPORT 6 MOBILE WB CITY														*	*			.02		.01	. 02	.01	.02		.11
MONTGOMERY WB APT 6 MONTGOMERY WB CITY PETERMAN														•		. 01	•	.04	.15	.07	,02				.16
RIVER FALLS 2 MI NE TROY	-	-	-	~	-	-	.02	.14	.05	-	-	-	-			-	-	-	-	-			-	-	. 21
TUSCALOOSA AIRPORT 6 UNIVERSITY																			.07		*			1	. 07
												-2	d-												
ANNISTON WB AIRPORT 6 ATMORE STATE FARM CAMPBELL		•	* [.01	*	*	.10					1				.01	.02	.02	.06	.25	.03	.01			.40
FORT MORGAN JACKSONVILLE	.01	.01	.04	.16	. 66	.13	.02	. 01	.02	. 05	.08	.13	.09	.05	.07	.01	. 09	. 25	. 25	.11	.04	.02			2.38
MOBILE WB AIRPORT 6 MOBILE WB CITY MONTGOMERY WB APT 6	.27	*	.01	*		*	. 29	*	.01	*	.01	.07	.38	.03	.02	*	.02	.08	.27	.06	.01	*		*	. 49
MONTGOMERY WB APT 6 MONTGOMERY WB CITY TUSCALOOSA AIRPORT 6	.10		*				.01	. 02	Ī		.01	-	.01						ı			I		1	.04
												-3	d-												
BELGREEN BEXAR 2 MILES SE							.01	. 02	1		.02		.01	.01								1			.02
EUTAW LOCK NO 7 LOCK NO 1			.01	.01	.01		.01	.01			, 52	. 05		,											.09
MAGNOLIA MOBILE WB AIRPORT 6 MONTGOMERY WB CITY	. 03		* [*	*	* . 01	.02		.07																.07
MUSCLE SHOALS 6 TUSCALOOSA AIRPORT 6			* 1		*		.04	*	*	*	*	*	.01												
UNIVERSITY VERNON						. 01	. 01		1							.01									.02
												-4	h-												
ADDISON BELGREEN						. 01	. 02	.03	.02		, 04	. 04	.16	.01		.02					01	0.4	11	0.7	.05
BEXAR 2 MILES SE BIRMINGHAM WB APT BOAZ							. 01	.01										*	1		. 01	.04	.11	.07	. 25
GARDEN CITY GUNTERSVILLE REC				.02		.01	.04		ı						.07							1			.08
HALLYVILLE HUNTSVILLE MOULTON		*	*	*	*	* . 02	.01	.02	.01	.01	*		, 08	*	*	*	*		.02			1	.02	.01	.08
MUSCLE SHOALS 6 PAINT ROCK		*	*	*	.03	. 05	.01	.03	.03	*	*	*	.06	*	*	.02	*	*	.01	*	*	*	*	*	.18
TONEY TRAFFORD TUSCALOOSA AIRPORT 6					.03	. 01	.07	.01	.02						.06			*	.06						.19
UNIVERSITY VERNON										.10	.01						.03	.03				.01	.06	.01	
									1			-5	h-			!						I		1	
ADDISON ANNISTON WB AIRPORT 6		.02	.01	.02	.01		.01		I							l			I			1		1	.07
BELGREEN BEXAR 2 MILES SE BIRMINGHAM WB APT	. 03		. 01																		. 03		.24	.01	.03
DADEVILLE NO 2			.01	.01			.01	.01	.01			.01	.05	.04											.13
EUTAW LOCK NO 7 FORT MORGAN HALEYVILLE	02	.04	.03	.02											.01	.01	.01	.13			0.1	.01		.01	.03
HUNTSVILLE 6 JACKSONVILLE	.03	8	.01		*	*	.04														.01			.01	.02
LOCK NO 1 MAGNOLIA									.03	. 01			.01	. 05	.01		.04						.16	.01	. 22
MIDWAY MOBILE WB AIRPORT 6 MOBILE WB CITY		*	* 1	*	*	*	.13	*	.02	. 06	*	*	.57	* .01	.02	*		* .01	.23						. 31
MONTGOMERY WB CITY MOULTON	.01	.01	.01			.02	.03																		.01
MUSCLE SHOALS 6 PAINT ROCK TONEY	. 03	*	*	. 04	. 02	*	.07									1						1			. 02
TUSCALOOSA AIRPORT 6	. 03			,02								0	1												
ABBEVILLE												-6	h-			. 44	.16					ı			.60
ADDISON ANNISTON WB AIRPORT 6			. 01	. 08	.10	. 01	1	.01	*				.01												. 21
AUBURN SCS 10 BELGREFN BIRMINGEAM WB APT	. 03	.02	.04		.05			.09			.02				.07	1						l			.18
BOAZ CAMPBELL	.02		*	*	*	*		*	*	*	٠	*													.05
DADEVILLE NO 2 DOTHAN CAA AIRPORT FLAT ROCK					. 07	. 01 . 02 . 05				. 01	.01				,35	.19	.03	.01							.05
FORT PAYNE	.02	.04	.01	.02	.12		.03	. 01		. 00	, 52													. 01	. 21
GARDEN CITY GUNTERSVILLE REC	200	01				. 02	.09																		. 11
HALEYVILLE BUNTSVILLE LOCK NO 1	. 26	.01	.01	*	٠	*	.07		*	*		*	.05												.06
MAGNOLIA MARION 1 MILE SSE	.14	.01	.18	.01	.04																				. 16
MOBILE WB AIRPORT 6 MONTGOMERY WB APT 6		*	*		*		.04			٠	٠	1,00	.94				۰	. 43	.41						1.61
MONTGOMERY WB CITY												1.00	.17					. 43	.01						1.01

						A. N	4. Hou	ır endir	ng									P. M	4. Hou	r endi	ng					
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
SCLE SHOALS W BROCKTON	6		*	*	*		*	. 19						۸۹	7.4	21		01	01							
INT ROCK					. 35			.10						.01	.14	.31		.01	. 01							
AFFORD OY			.01		. 01	.03	. 03	.16							.02											
IVERSITY					. 02										, 02											
													-7t	h-												
INISTON WB AIRPORT BURN SCS 10	6								.05	I					*	*	*	*	*	.02						
AZ RT PAYNE	6	.28	. 27	.07	*		*							0.6					*	EO						
BILE WB AIRPORT	6								*		*	*	*	.06	*	*	*	*	*	. 58						
HLAND	//									1			- 8t	h-	.02	.01			,							
KAR 2 MILES SE RMINGHAM WB APT											. 24	. 02				.13	. 06									
AZ TAW LOCK NO 7								*	*	*	*		1.04			.03	. 05									
RT PAYNE BILE WB AIRPORT	6			,					. 02	.04		.02			*	*	*	*	*	. 01						
SCLE SHOALS TERMAN	6														*	*	*	*	.01		.01					
AFFORD SCALOOSA AIRPORT RNON	6								*	* .01	* . 19	*	*	.01					. 02	.01						
NATION TO SERVICE STATE OF THE										,01	. 13		_0	h												
RT PAYNE													- 91	.n-				.08							. 16	6
BILE WB AIRPORT BILE WB CITY	6														*	.12	* . 07	*	*	.01						
													3.0	. 3												
												-	-10	th-												
THAN CAA AIRPORT	//									.22	. 01										. 60					
RT PAYNE		. 03											11	L).												
Prvilir													-11		02			27								
BEVILLE NISTON WB AIRPORT BURN SCS 10	6													. 03	.02		0.4	.37			* .23	*	*	*	*	
IPBELL DEVILLE NO 2																	.04		.01		.01					
RT MORGAN Y DAM	//								*	.08	*	*	*	*	*	*	*	*	*		*		*	*	*	
DWAY NTGOMERY WB CITY																.09		.04								
W BROCKTON																. 40		.04	.01		.08	. 07				
													-12	th-												
NISTON WB AIRPORT	6	.01							*	*	*	*	*	.03												1
HLAND LGEFEN	//			1										.32	.11	.05			.02	.01		.02				
RMINGHAM WB APT TAW LOCK NO 7	//					00			04													.05	. 01			
RT MORGAN NTERSVILLE REC CKSONVILLE	//					.02		.02	.01				ne.	. 01						. 70	. 40	. 20	.01	.05		
Y DAM BILE WB AIRPORT	6	*	*	*	*	*	. 05	. 31		*	*	*	.06	.01												
NTGOMERY WB APT	6							. 31	*	*	*	*	*	.08	*	*	*	*	*	1.42						
APFORD														.01				.05						. 01	. 03	3
SCALOOSA AIRPORT	6																				*	*	.01	*	*	
RNON		.02																								
												-	-13	th-												
DDISON INISTON WB AIRPORT	6														. 07	.03	.01	*	*	.24					. 01	-
HLAND LIGREEN	//					.06	. 20		.01		. 28	. 40	01	.04	.01											
CXAR 2 MILES SE CRMINGHAM WB APT DAZ													.01	.01	*		.05		.20	.01		.01			.17	,
MPBELL TAW LOCK NO 7															*	.04 1.02	.01	.01		.01		.01			.11	
AT ROCK RDEN CITY													. 20	. 09	.05	_, 02	, 01		.03	.01	.01	.01				
NTERSVILLE REC LEYVILLE		I											. 05				. 02	.03	.02	.01					. 01	L
NTSVILLE CKSONVILLE	6														*	*	.14	*	.01	.10						
ULTON SCLE SHOALS	6						.08	. 03	*	*			*	.70	*	*	*	*	*	.04						
INT ROCK		I		0.0	0.5						0.4	0.5			. 28	.42	.06	.02	0.7				. 03	01	. 02	2
AFFORD SCALOOSA AIRPORT	6	.02		.08	. 05						. 01	. 01			*	*	, 04 *	.05 *	.01 * .01	.09	*	*	*	.01	*	
IVERSITY									.01	. 22		. 02	. 08		.12	.01			.01							
												-	-14	th-												
		. 06					. 05	.01	, 01		21	. 42	- 1		. 08	.10	. 01	.01								
DDISON ELGREEN					. 01						.01	.01			.01		. 01	, 01								
LGREEN EXAR 2 MILES SE																	. 01	. 01								
ELGREEN EXAR 2 MILES SE FTAW LOCK NO 7 ARDEN CITY		. 01	.01	.02	.01	. 01		.25	. 03	.15		. 01		.02			. 01	.01								
DDISON ELGREEN EXAR 2 MILES SE TTAW LOCK NO 7 RRDEN CITY LLETVILLE INTSVILLE DULTON	6	. 01	.01	.02	.01	.01	.01	.25 .05 .10	.03	.15		.01	*	.02			.01	.01	*	.01						

See reference notes following Station Index.

Station						A. h	Hou	ubne u	ag								-	P. 1	М. Но	ur endi	ng					3
Station		1	2	3	4	5	6	7 (8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
TUSCALOOSA AIRPORT UNIVERSITY VERNON	6	.02							. 04	.56	.10		.02	.01	*	*	٠	*	٠	.07						. 03
ANNISTON WE AIRPORT ASHLAND BEARR WHILES SE BERMINGHAH WE APT CAMPBELL EUTAW LOCK NO 7 HUNTSVILLE JACKSONVILLE	6 //									*			-15t	.10	. 01	.01	.07	.18	.05	.01	* .02	•	* .01.	.03	.03	. 06 . 01 . 08 . 26 . 09
LAY DAM MAGNOLIA MOBILE WB AIRPORT MOBILE WB CITY MONTGOMERY WB APT MUSCLE SHOALS	6		٠			٠		.01							*	.04	. 03 * . 05	*	.06 * .05	.27		.01 *	*	.01	.01	.10
PAINT ROCK THORSBY 1 MILE SW TUSCALOOSA AIRPORT UNIVERSITY	6										.01	.02	164	h	*	.08	,01 *	.01	*	.01					. 01	.02
ANNISTON WB AIRPORT ASBLAND ATMORE STATE FARM AUBURN SCS 10 BIRMINGHAM WB APT BOAZ DADEVILLE NO 2	6	.05	. 02	.02	, 04	.02	.01		*	* (*		-16t	.01	*	.02		* .02		.13	. 03	.03		.08	. 29	. 69 . 02 . 35 . 20 . 18
FLAT BOCK FORT PAYNE GARDEN CITY GUNTERSVILLE HUNTSVILLE JACKSONVILLE LAY DAM	6	.09	.04		.01	.03	.04	.11	.02 .01 .01 .05	.03	.01	.01	.09	.12	.03		.03				, 10		. 20	.18	.04 .02 1.40	. 64 1. 22 . 43 2. 42
MOBILE WB AIRPORT MONTGOMERY WB APT MONTGOMERY WB CITY NEW BROCKTON PAINT ROCK THORSBY 1 MILE SW TRAFFORD TROY	6	.04	.01	.01	.09		. 26	.05	.10	.80	.01	.09	.01	.08	. 15	.01	. 31	.23	,04	.11	. 01	.05	.08	.01	.30	. 15 . 11 1. 72 . 29 . 33 . 80
ANNISTON WB AIRPORT BOAZ FLAT ROCK FORT PAYNE GARDEN CITY GUNTERSVILLE REC LAY DAM PAINT ROCK	6	.02 .02 .12 .10 .02	* .07 .01 .15	.31 .04 .01		.12	.01 .18 .06	.01	.02		.03		-171							1						. 32 1.07 . 28 . 12 . 51 . 10
BERRY MUSCLE SHOALS	6	-	-	-	-	-	-	-	-	-	-	-	-21: -22	st—									٠		*	-
BELGREEN BERRY BERRY BELGREYVILLE MOULTON MUSCLE SHOALS TUSCALOOSA AIRPORT VERNON	6	.06	.12 * .21 .02	.10 .05 .01 *	.03	.01	*	.04					-22 -	2d-						I					1	. 29
BUNTSVILLE MUSCLE SHOALS	6									H			-24		*	*	*	*	*	.05	٠	٠	*	٠	4	
ADDISON ANNISTON WB AIRPORT ATMORE STATE FARM AUBURN SCS 10	6												-25	.16				.01	. 01	Į.	*	*	*	*	*	. 56
BELGREN BEXAR 2 MILES SE BIRMINGHAM WB APT BOAZ CAMPBELL DA DEVILLE NO 2 DOTHAN CAA AIRPORT							.03	.01	.03		.06	.17			.08	.02	.07	.30		.03	. 02	.01	. 01	.01	.01	. 41 . 22 . 02 . 14 . 04
EUTAW LOCK NO 7 FLAT ROCK GARDEN CITY HALEYYILLE HUNTSYILLE LOCK NO 1 MARION 1 MILE SSE MIUWAY	6	. 02								*		.20	.19	.01	.02	.08	.13	.20	.03	.01	.02		* .01	٠	. 27	. 10 . 21 . 41 . 5-
MOBILE WB AIRPORT MOBILE WB CITY MONTGOMERY WB APT MONTGOMERY WB CITY MOULTON MUSCLE SHOALS NEW BROCKTON	6										.02	.08	. 18	.02		.04	.13	.24	.02	.38	.03	. 01				. 00 . 20 . 40
PAINT ROCK PETERMAN RIVER FALLS 2 MI NE TONEY TRAFFORD TROY		-	-	-	-	-	-	-	-	-	-	-	. 09	.02	. 35	.01		. 04		.05	.03					. 21

Station						A. 1	M. Ho	ar endi	ing		1			1				P. 1	M. Hou	ır endi	ng			T		Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Ĕ
TUSCALOOSA AIRPORT VERNON	6								.01	.01	.07			.10 th -	* .13	* .01	* ,03	*	•	.05						. 47
ANNISTON WB AIRPORT BERRY BEXAR 2 MILES SE FORT PAYNE MOULTON		.01					*	.02	.02	*	* . 01	*	*	*	*	*	*	*	*						. 02	* . 04 . 02
ANNISTON WB AIRPORT BIRMINGHAM WB APT BOAZ	6	·										-	-27	th—							*	*	*	*	* .02	
DADEVILLE NO 2 DOTHAN CAA AIRPORT FORT PAYNE JACKSONVILLE LAY DAM		.02	.05	.15		,01															.04	.12		.01	.10	.11 .14 .23
INDIAN INDIAN WE APT INDIANCOMERY WE APT INDIANCE APT INDIANCE APPROACH TO THE SWITCH APPORD TO THE SWITCH APPORT	6														.08	.01	. 07		.03		٠	* * .01	*	.05	.03 * .09 *	. 0:
NNISTON WB AIRPORT	6	.08	*		*	*	*	.01				-	-28	th-									. 04	.11		.1
UBURN SCS 10 IRMINGHAM WB APT OAZ ADEVILLE NO 2 LAT ROCK ARDEN CITY		.03	.10	.19	.06	.06	.01				. 01		. 01													.4:
UNTSYTILLE ACKSONVILLE AY DAM IDWAY ONTGOMERY WB APT	6	.01	.05	.01	*	*	*	.23													*	*	*	*	*	. 0:
ONTGOMERY WE CITY USCLE SHOALS EW BROCKTON AINT ROCK IVER FALLS 2 MI NE	6	.01	*	* .08		.01 * .01 .02	*	.02							_											.0:
HORSBY 1 MILE SW ONEY RAFFORD ROY		* .04 .06 .22	* .05 .01 .63	.17		.02	. 02						20	.1				_		_	_		_	-		. 21
BBEVILLE DDISON NNISTON WB AIRPORT	6			0.7	0.4	0.0							-29	in-						. 03		.17	, 23	.06 .01	. 01	. 41
SHLAND THORE STATE FARM IRMINGHAM WB APT OTHAN CAA AIRPORT ORT MORGAN UNTSVILLE	//	.04		.01	, 04	.03							. 02	.03	.05	.10	. 05	.01	. 02	.01	.13	. 23	. 22	.01	.01	.00
IDWAY OBILE WB AIRPORT OBILE WB CITY ONTGOMERY WB APT ONTGOMERY WB CITY	6	.01													*	*	*	*	*	.04	*	.03	.06	.01	*	. 0:
EW BROCKTON AINT ROCK ROY USCALOOSA AIRPORT ERNON	6													*	*	*	*	*	*	. 26	* *	.14	.04 * *	*	.08 .21 *	.5
BBEVILLE DDISON		.03	.03	. 20	. 02	.07	.06	.16	.14	.01		.01		th-		.02	.41	.16	.16	. 03	. 01					.0
NNISTON WB AIRPORT SHLAND TMORE STATE FARM UBURN SCS 10 ELGREEN	6	.02	*	*	*	.04	10	.04	*	.07	.02	.03	*	. 25	.02	.25	.11	*	*	.81		.06	. 30	*	*	.95
EXAR 2 MILES SE IRMINGHAM WB APT OAZ AMPBELL ADEVILLE NO 2				. 21	.01	.01		.03		.02	.01	.04	.01	, 48	.09 .16 .20	.20	.02	.01	. 66 . 33 . 02	.11	.01	.10	.03		1	. 48 1. 39 1. 85 . 73
OTHAN CAA AIRPORT UTAW LOCE NO 7 LAT ROCE ORT MORGAN ORT PAYNE	//	.03	.03	.02	.01	.01	.01 .06 .32	.01	.05	.78	. 53	.32	.01	.01	.01	.03	.62	.16	.07	.69	.21	.01	.02	.01	1	1.26 3.72 .40 2.25
ARDEN CITY UNTERSVILLE REC ALETVILLE UNTSVILLE ACKSONVILLE ACKSONVILLE ACK DAM OCK NO 1	6	.03	.23 .03 .04 *	.32	.01	.07 .45 .04	.10	.15	.68 1.13 .13 *	.45 .80 .05 *	. 08 . 60 * . 04	.01	.01 * .12	.01 .76 .02	.10 * .04 .01	.10 .07 .38 * .52 .06	.71 .12 .07 * .16 .02 .22	.01	.04	.01	.04	.02	٠	٠	.03	3.48 5.11 1.16 2.26 .92 .85
AGNOLIA ARION 1 MILE SSE IDWAY OBILE WB AIRPORT OBILE WB CITY ONTGOMERY WB APT	6	.01		*	*	*	*	.01	*	.03	.07	.02		.01	.66 .03 *	.01	.01	.02	.14	.01	* .02 *	*	*	.38	.02	. 40
ONTGOMERY WB CITY DULTON USCLE SHOALS A INT ROCK ETERMAN	6	.03	.01	.01	.01	.02	. 40	.07	.06	.01	.17	* .14	*	.03	.01	.13	.07	.03	.20	.56 .09	.04 * .03	. 58	.02	*		3.11 .51
HORSBY 1 MILE SW ONEY RAFFORD		*	.01	.06	.02	,01	.05	.01	*	.30	.10 .16	* .12 .01	*	.06	.01	.07	* .03 .01	* .02 .72	.08	.14	.17	*	*	*	.73	1.10

HOURLY PRECIPITATION

ALABAMA OCTOBER 1949

CALL.						A. N	4. Hou	r endr	ng				ì					P. 1	4. Hou	ır endii	ng				
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
OY USCALOOSA AIRPORT UVERSITY ERNON	6	.01	.02		*	. 01 . 08	.24			.05	* . 04 . 02		* .01 .01	.43	.01		* .01	* .02		1,24		.01	. 25	.22	. 01
										i		_	-31	st—											
BBEVILLE DDISON WHISTON WE AIRPORT BHLAND MORE STATE FARM	6	,20										.04	.08		.03	.12		. 13	.01	.01	.01	.04			
BURN SCS 10 LGREEN RRY XAR 2 MILES SE		.04	*		. 01	•	*	*	*	.03	.04	.06	.03	.07	.06 .02 *	.04 .43 .04 *	* .01	.02 .02 *	.04	*			*	٠	3.62
RMINGHAM WB APT AZ MPBELL DEVILLE NO 2				.01			, 01		.00	.01	. 03	.06	.01	.06	.19 .21 .07	.11	.13		.03		.01		.03	.02	. 05
THAN CAA AIRPORT TAW LOCK NO 7 AT ROCK RT MORGAN	//	.04				. 01	. 01		.01	1	. 02	.15	1	.04	.06		.10	.11	.07	.06		.07		.02	.05
RT PAYNE RDEN CITY WTERSVILLE REC LEYVILLE		l									. 03	.02	.04	.08	.10 .15 .05	.08 .05 .08		.12 .12 .19	.08 .02 .11	.01	.05	1	.01	.01	.01
TSVILLE KSONVILLE DAM K NO 1	6	. 20										.11	. 10	.14	.03	.02	.04	.08	.01		.01	. 01			
NOLIA ION 1 MILE SSE WAY ILE WB AIRPORT	6	.01								.	.01	.01	.02	.09	.10	.05		.04	.05	.01					
TEMB CITY TOMERY WE APT TOMERY WE CITY ALTON	6	.71										.04	.05		.01	.08	*	.02	* .02	.02					
CLE SHOALS BROCKTON NT ROCK ERMAN	6	.02							•	•		*	*	.05	.09	.04	.14	.02	.07		*		.10	•	. 01
ER FALLS 2 MI NE RSBY 1 MILE SW EY FFORD Y		-	-	-	-	**	-	-	-	-	.01	.01	. 23	.13 .10 .26	.03	.12	.02	.06	.01		.02	.07	.04	.07	.05
Y CALOOSA AIRPORT VERSITY NON	6	,02	.01	.01		. 01	. 01		* .01	.91	* .05 .07	* .05	.10	.20 .04 .05	* .03	.06		.02	*	. 09		. 01	.01	.02	

Table 5	_																														OCT	OBER	1949
Station	-																of mor					- 1						- 1					erage
ALBERTVILLE 1 MI S MAX		69,	76	69	73,	72,	78,	81,	83,	9 82	10	82	12	13	82	15	16	74	79	75	20 82	21	85	23	70	25 72	72	74	28 76	29 74	30 72	71	77.6
ALEXANDER CTY 6 NE MIX	N 4		52	61 79	62	62 81	62	64 88	67	66	62 85	62	61	60 86	58 83	57	58 78	56 80	55 78	56 81	58	59 85	52 84	48	49 82	47 82	48	52 67	56 64	54 74	42	76	55.6
MIN	¥ :	51	62 75	64 75	65	62	69	67	69 89,	67	60	64	67	60	58	57	63	59	60	49	49	52	57	58	47	57	56	46 76	56	73	64	48	58.7
MIN	1 :	56	66	67	66	68	71	71	70	68	66	67	68	66	63	61	66	61	61	60	56	57	59	59	59	61	58	56	63	61	63	61	63.1
ANNISTON WB AIRPORT MAX	1 5	78	70 62	74 64	64	63	87 66	86 66	84 68	83 64	62	86 65	82 67	87 62	83 63	83 58	71 64	62	78 56	49	83 50	85 55	84 58	78 47	80 45	80 57	74 44	72 42	62 55	71 56	73 63	42	78.7 57.7
ATMORE STATE FARM MAN	(5	75	73 66	83 67	81 69	85 69	67	90 69	90 71	86 68	67	90 66	85 66	90 67	88 66		85 63	86 61	60	87 61	87 59	87 59	61	85 64	60	61	73 59	83 54	78 65	75 61	81 68	80 46	84.1 63.3
AUBURN MAX		76	61	73 65	65	82 65	82 68	87 69	70	80 69	65 65	84 65	67	85 65	62	60	60	63	61	79 52	58	85 63	85 57	86 62	52	84 56	85 58	72 53	69 55	66 56	78 59	79 60	81.2 61.0
BAY MINETTE MIN		77	70 67	82 67	80 69	82 69	87 72	84 68	87 71	86 70	87 66	86 67	82 67	68	87 66	82 65	84 64	86 63	86 62	87 61	85 63	85 62	88 64	85 65	88 61	81 63	69 58	82 54	78 65	73 62	80 68	73 44	82.5 64.2
BIRMINGHAM WB APT MAK			71 63	74 66	77 67	82 66	84 65	86 64	83 69	83 67	84 64	85 66	86 68	86 69	85 65	76 61	77 63	79 58	78 58	81 52	83 54	85 59	82 65	77 52	77 49	73 55	71 46	76 42	64 58	74 55	69 60	62 39	78.2 59.3
BIRMINGHAM WB CITY MAX		78 56	70 63	74 64	77 66	84 65	86 69	89 67	86 68	87 69	86 67	88 67	89 68	91 69	85 66	79 62	78 64	83 63	80 59	83 55	86 59	86 64	87 66	82 57	81 51	75 56	76 54	78 45	70 58	75 56	70 64	68 44	80.9 61.3
BREWTON 3 MILES SSE MAR		73 52	72 66	75 63	80 67	87 68	88 70	88 66	90 68	85 65	85 60	86 61	83 65	86 59	87 58	84 58	85 64	87 61	87 60	87 56	85 49	87 54	88 57	87 58	88 55	85 58	85 59	82 50	83 65	75 60	80 67	75 58	83.7 60.5
CENTREVILLE MAX		80	75 65	76 68	75 66	85	82 72	87	83 70	85 70	85 65	86 68	89 70	89	87 70	85 68	78 69	62	82 58	88 56	86 58	88 60	86 68	80 66	80 54	80 60	72 55	78 48	72 60	78 58	76 70	72 60	81.5 63.5
CHATOM MAX		79	73 66	81 65	79 69	83 68	87 67	88 63	86 69	90 67	90 60	91 59	91 63	87 65	88 68	83 63	81 62	85 55	87 53	88 55	87 54	88 57	88 59	85 61	87 52	84 54	66 54	80 56	79 58	77 60	80 60	72 43	83.5 60.1
CITRONELLE MAX		77	70 67	81 67	80 68	82 70	86 70	84 70	88 73	87 71	88 68	88 67	87 68	89 69	88 69	82 67	86 64	86 63	89 64	85 63	86 65	86 64	88 66	87 65	87 60	84 60	67 56	79 53	77 64	77 62	79 68	68 47	82.8 64.7
CLANTON MAX		73	77 57	70 64	77 65	76 64	82 66	86 68	85 67	81 69	80 64	81 64	85 66	86 64	88 63	85 60	82 60	77 61	79 56	77 52	80 52	83 53	87 57	87 60	81 50	82 51	84 57	70 46	75 48	65 58	73 59	80 60	79.8 58.9
CORDOVA MAX			75 62	75 63	77 65	80 62	81 64	89 67	83 63	87 64	86 63	89 59	88 64	84 65	82 65	84 67	82 65	80 53	78 50	83 53	85 50	84 60	82 58	78 48	75 48	72 56	68 54	78 37	67 48	76 55	71 61	69 58	79.6 58.0
DAYTON MAX			72 65	77 65	73 67	82 62	87 70	88 66	85 70	89 68	87 64	89 64	90 66	88 65	86 62	79 62	82 66	82 61	80 60	85 55	85 57	86 58	88 61	81 62	84 52	72 55	68 55	78 56	70 61	73 59	79 66	72 43	81.2 · 61.2
DECATUR MIN	7	79	71 63	74 67	71 65	83 63	84	88 64	82 70	87 76	86 65	86 65	86 65	75 64	75 63	72 66	75 60	77 61	72 55	77 53	81 56	83 63	75 66	72 49	69 53	60 50	68 50	74 45	70 56	63 53	66 60	66 41	75.7 59.4
DOTHAN CAA AIRPORT MAX MIN	7	73	76 64	85 66	82 65	87 67	87 69	88 68	86 70	85 68	84	86 66	88 67	87 65	85 62	82 60	87 64	87 63	83 60	84 57	86 56	87 57	88 57	88 63	89 58	90 61	81	78 60	77 62	74 61	74 66	77	83.6
BUFAULA MAX	ξ .	74 58	74 62	84 66	85 70	84 66	89 69	86 68	85 70	87 70	86 64	88 64	86 62	88 61	86 60	83 59	82 62	82 64	80 58	81 52	87 51	86 56	87 57	85 62	86	85 52	87 63	77 57	75 60	74 59	76 60	74 61	82.9
EVERGREEN MAX		77	75 65	71 66	81	78 68	89	85 70	89 71	90	87	85 67	86 67	87	85 65	89 63	88	87	86 60	83 59	86 52	87 57	87 59	02	52	32	89	66 54	80 60	72 61	50	80	83.1 63.1
FAIRHOPE MAX	1	75	70	82	83	86	87	87	85	89	87	85	87	87	88	83	84	85	86	87	86	88	87	85	88	81	72	81	81	74	80	76	83.3
FATETTE MAX	1	73	80	74	75	76	82	65 86	87	80	86	87	88	86	84	78	72	76	81	77	82	60 85	83	78	76	74	58	71	78	69	68	69	78.0
FORT MORGAN MAX	. 3	75	76	62 82	82	64 84	83	5 9	85	63 84	83	84	85	64 85	62 85	63 82	61 82	52 85	47 85	50 85	52 84	57 85	63 85	48 85	50 84	54 85	75	80	79	52 74	58 78	78	56.6 82.2
FRISCO CITY MAX	7	76	76	70	73	75	72 86	73	75 89	74 86	74 85	73 86	72 89	73 88	73 88	72 87	70 84	67 85	68 87	69 85	68 88	87	71 88	70 87	71 85	73 89	63 83	64	80	77	70	81	69.5 83.3
GADSDEN MAX	7	72	63 79	71	76	68 75	72 82	67 84	70 85	68 84	83	66 86	86	66 88	86	62 86	65 81	55 70	59 78	71	59 80	58 82	64 85	84	59 75	57 71	75	53 72	76	61	63	59 66	62.9 78.0
GENEVA MAX		13	75	75	63 85	62 82	63 89	62 88	68 88	67 89	59 87	60 86	84	66 89	87	54 87	58 84	62 87	54 87	48 84	49 84	51	54 88	50 89	45 90	90	56 86	38 80	47 82	77	78	75	56.2 84.5
GOODWATER MAX	ì		66 75	66	66 77	66 78	80	67 88	68 89	69 79	64 83	65 85	66 85	63 83	59 88	59 85	63 84	60 79	80	58 77	54 81	54 84	55 87	59 85	58 79	59 83	83	73	61	60	64 74	62 78	79.8
GREENSBORO MAX			74	63 76	64 74	63 85	65 86	90	70 85	69 88	64 87	65 89	66 89	64 87	61 89	79	62 82	62 83	59 84	51 86	52 88	56 86	86	59 83	51 83	56 74	74	49 79	55 71	73	78	68	59.6 81.8
GREENVILLE MAX		- 1	73	65 80	77	67 85	71 87	86	70 87	68 83	66 82	66 84	66 85	67 86	66 85	62 82	66 81	60 82	54 79	57 82	58 82	60 84	65 84	63 82	52 83	57 80	71	48 77	73	58 74	66 83	74	61.5 80.8
HALETVILLE MAX	5		65 71	67 71	67 72	65 80	71 79	83	73 84	69 82	65 83	67 83	68 80	67 75	65 74	63 73	67 74	67 75	61 73	59 78	57 82	57 79	60 75	65 70	57 67	60 56	58 66	55 76	61 70	61 69	67	48	63.2
HIGHLAND HOME MAX	N :	51 72	60 70	63 79	65 76	62 85	65 89	63 91	66 86	62 85	62 85		60 84	60 87	50 85	55 83	57 86	50 84	56 79	61 82	62 86	62 87	45 84	54 86	50 85	47	43 69	53 77	54 68	60 72	50 83	74	57.0 ···
LA PAYETTE MAX	N :	76	61 72	65 81	65 83	65 80	69 87	84	70 79	68 84	64 86	65 86	67 82	67 87	64 83	61 85	64 78	62 80	60 77	59 81	61 84	60 86	63 85	58 83	60 83	85	57 75	54 69	59 63	59 72	65 80	47 75	80.4
LINCOLN MAR	NE 4	48 76	60 72	61	61	61	69	67 88	67 85	66 85	60	62 85	63	64	59	55 85	62 80	61	59 82	53	54	55	56	53 75	50		55 75	50 78	53	55 78	63	60	58.6
MIN	F .	51	62	62	63	63	70	65	66	64	59	61	65	65	59	58	58	5.9	56	51	49	52	58	56	54	56	55	40	56	55	56	48	57.8
LIVINGSTOR MAE	4	78 47 77	74 64 74	76 65 75	73 69 83	83 68 81	82 65 88	87 64 89	84 71 88	87 67 89	86 65 85	88 63 85	88 65 85	86 67 85	86 68 87	75 66 86	79 65 83	82 57 87	85 52 87	85 57 85	82 57 84	84	85 65 86	81 59	78 52 87	73 56 89	71 54 87	77 44 78	71 62 82	73 59	77	78	61.2
MXH	€ 6	51	66	67	66	67	72	70	68	69	65	67	68	66	63	61	66	63	61	62	57	57	60	64	60	62	60	58	63	60	67	61	63.8
MADISON MAX	4		71 60	73 65	72 64	81 62	82 65	86 63	85 68	86 67	87 63	86 64	64	63	75 62	72 63	76 59	62	75 54	79 54	83 55	84 60	74 64	72 46	72 51	50	69 47	76 42	68 55	50	66 59	41	57.8
MAXWELL FIELD MAX	{ S	-	73 63	67	78 68	67	85 71	71	72	71	66	85 69	69	67	89 67	83 64	67	64	63	63	59	62	85 64	63	82 57	83 59	57	75 54	66	61	66	70	80.8
MOBILE WB AIRPORT MAX	1 6	60	71 68	80 68	81 70	80 71	85 65	84 69	84 72	70	84 68	85 68	70	67	86 67	81 65	82 64	63	85 63	63	63	64	66	85 64	86 62	61	63 54	81 52	75 64	72 62	63	69 42	81.2
MOBILE WB CITY MAX			72 70	81 71	82 73	83 74	85 72	87 73	74	89 73	86 71	86 71	85 72	89 71	87 70	81 70	85 68	85 65	87 64	87 66	85 64	84 67	85 68	83 68	85 66	78 64	63 57	82 54	77 67	74 65	67	70 44	82.1 67.2

Table 5-Continued					_	-														-	~										UC I	UBER	1949
Station	-															Day o	of mo	nth						,									erage
		1	2	3	4	5	6	7 .	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
MONTGOMERY WB APT	MAX	75 54	73 62	80 65	79 66	85 64	85 69	90 68	84	84 67	84 63	86 66	85 67	87 65	86 64	84 62	83 65	83 61	80 60		85 55	86 57	86 58	84 59	85 52	84 57	70 55	76 52	66 60	77	84 65	70	81.6 60.8
MONTGOMERY WB CITY	MAX	74 59	72 62	80 66	78 67	83 66	84 72	88 71	82 71	84 71	82 66	87 67	84 68	87 68	85 68	83 65	82 66	83 63	79 63	82 58	85 59	86 63	86 64	83 61	83 57	84 60	70 57	75 54	66	76 59	83 66	70 42	80.8 63.2
MUSCLE SHOALS	MAX	78 45	70 62	71 63	70 65	80 63	81 65	86 61	81 67	82 67	84 63	84 63	76 61	63 60	70 60	69 64	75 53	77 56	75 51	81 52	84 56	79 64	70 53	70 45	65 52	56 49	67 42	74 44	70 54	62 53	64 57	57 38	73.3 56.4
ONEONTA	MAX MIN	69 44	77 56	69 62	74 64	75 64	81 65	85 62	88 65	82 65	82 64	86 63	86 63	88 67	86 65	84 58	78 60	76 61	80 54	78 49	81 50	85 53	85 59	83 50	78 48	78 52	65 53	70 40	78 42	63 56	70 57	66 55	78.3 57.0
OZARK	MAX	75 59	75 62	82 65	81 65	88 66	90 68	87 68	86 70	86 69	84 65	85 65	87 67	88 65	87 64	84 60	86 65	85 62	81 59	83 58	86 57	88 57	88. 59	86 65	87 58	89 61	82 62	79 58	75 61	73 59	76 65	76 62	83.4 62.8
PRATTVILLE	MAX	75 54	72 62	79 65	77 68	84 64	86 72	89 70	84 69			86 65	87 69	88 65	87 65	84 64	81 65	83 60	78 58	84 55	85 53	85 55	86 60	83 63	83 52	84 56	70 58	76 51	67 60	77 59	82 67	73 50	81.2 61.2
PUSHMATAHA	MAX. MIN	70 46	78 60	74 65	74 67	73 67	82 65	87 63	87 68	81 66	85 60	85 61	86 62	88 65	87 63	84 61	82 65	82	80 53	80 55	83 56	85 57	85 62	85 62	82 53	82 52	73 56	69 46	70 54	69 60	77 60	70 58	79.9 59.6
ROBERTSDALE 7 MI E	MAX	73 61	68 67	80 67	79 70	82 71	86 72	85 62	83 70	84 69	86 67	83 67	84 69	85 66	85 64	80 64	82 64	84 61	85 60	84 61	84 60	83 61	85 60	88 64	85 63	82 61	74 58	81 54	78 64	72 62	77 67	75 48	81.4 63.7
ROCK MILLS	MAX	77 46	73 52	80 54	81 63	81 63	87 70	89 67	86 67	87 68	86 58	88 62	85 67	87 64	82 56	85 53	76 64	79 63	77 60	82 48	86 48	85 50	85 54	82 50	84 45	85 51	77 56	66 48	60 54	72 56	78 63	72 55	80.7 57.3
SAINT BERNARD	MAX	70 42	77 52	69 59	73 61	71 59	82 60	83 62	86 66	82 65	84 62	86 60	86 63	86 63	84 64	76 62	74 60	75 61	76 52	76 50	80 52	82 53	83 58	79 47	73 48	74 53	62 50	68 41	75 43	66 51	67 57	68 53	76.6 55.8
SAND MTN STA FRM AP	MAX	76 52	75 60	74 62	73 62	76 63	81 67	83 65	81 70	81 65	82 68	82 62	82 67	82 66	81 64	76 56	72 61	75 61	71 56	77 48	80 63	80 59	79 64	77 47	75 44	72 52	72 44	72 40	60 52	64 56	65 60		75.9 58.5
SCOTTSBORO	MAX	82 44	72 56	75 59	75 59	82 62	84 62	89 61	89 69	88 66	87 60	88 60	89 68	84 66	80 66	75 63	74 64	80 61	73 55	81 53	85 53	84 51	78 61	78 48	75 49	64 54	74 50	79 55	65 48	65 54	68 62	64 44	78.3 57.5
SELMA .	MAX	84 54	74 64	79 66	77 67	88 66	89 72	90 69	87 70	86 69	86 65	89 66	90 66	92 66	90 67	84 62	83 67	85 61	83 56	87 59	88 55	88 59	88 63	85 65	85 53	85 57	72 58	80 49	72 62	80 60	82 67	74 62	83.9 62.6
SPRING HILL	MAX	76 58	75 68	71 68	80 70	79 72	78 69	88 69			86 69	88 68	88 70	88 69	85 68	87 67		82 64	85 62	88 63	86 63		88 64	86 66	87 63	88 63	78: 58	63 59	81 56	68 65	75 68	81 60	81.7 65.1
TALLADEGA	MAX	78 48	72 64	78 66	79 67	82 65	87 72	89 65	70	85 66	85 61	87 65	87 69	90 65	86 61	82 60	79 64	81 62	78 54	81 49	85 50	86 55	84 59	76 58	82 46	80 55	75 56	76 43	65 57	76 56	73 65	68, 45,	80.5 59.3
THOMASVILLE	MAX	80 59	73 64	80 65	76 66	84 66	87 70	89 67	87 70	86 67	88 65	89 64	88 65	90 65	86 66	81 62	79 65	83 61	82 56	86 60	87 59	85 63	86 64	82 63	85 56	83 56	71 52	79 50	70 61	75 59	71 65	66 37	81.8 61.5
TROY	MAX	75 58	72 61	72 62	81 65	78 66	85 69	70	90 70	88 69	87 65	84 65	87 68	88 65	88 63	86 60	84 65	85 67	83 60	80 58	81 59	84 59	87 63	87 64	84 57	86 60	87 59	73 56	72 59	64 59	73 63	72 62	81.6 62.8
TUSCALOOSA AIRPORT	MAX	79 48	73 65	74 65	76 68	84 66	87 64	88 64	84 68	87 66	88 63	89 62	89 65	88 66	84 65	78 64	80 62	83 54	82 50	84 53	87 54	86 58	85 64	80 55	79 54	67 56	73 50	80 44	69 59	75 57	73 64	64 40	80.5 59.1
TUSKEGEE	MAX	78 58	78 60	73 64	82 64	80 63	70	89 68	90 70	84 68	88 64	87 64	87 66	87 63	89 59	88 56	85 63	84 61	84 58	80 52	82 54	86 56	90 56	87 62	85 50	86 55	87 57	72 51	72 56	69 59	80 60	82 60	83.1 60.2
UNION SPRINGS	MAX	74 56	70 55	82 62	82 62	85 61	89 65	89 64	85 68	87 67	86 62	87 62	87 62	89 62	87 60	86 60	87 62	84 60	81 56					87 53	86 53	86 54	76 54	72 51	70 55	75 55	78 67	75 44	82.3 59.0
UNIVERSITY	MAX	77 52	72 65	74 66	77 67	84 67	86 67	88 66	70	86 69	86 66	88 68	89 69	87 67	85 66	77 64	80 64	80 60	80 54	83 56	87 58	86 52	83 65	80 57	80 56	68 57	72 53	79 47	68 59	75 57	71 63	63 39	79.9 60.8
VALLEY HEAD	MAX	70 44	71 61	71 61	76 61	76 61	76 61	82 63	84 71	82 67	80 60	81 62	83 68	84 66	85 65	75 56	67 61	74 60	75 54	80 54	82 46	81 57	78 57	75 43	74 43	72 51	69 50	70 43	70 44	75 54	66 52	63 44	75.7 56.1
WRTUNPKA	MAX	76 57	74 63	74 67	78 68	82 66	83 72	85 70	87 71	83 72	81 68	85 68	86 69	88 64	86 64	84 63	84 65	82 63	78 62	82 56	84 56	86 58	86 62	83 60	82 55	84 57	70 59	76 52	67 60	68 60	81 67	70 63	80.5 63.1

EVAPORATION AND WIND MOVEMENT

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Station																Day	of m	onth															7	urture
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Tota	Depart tron
AUBURN	EAVD	.18	.14	.10	.13	,13 15		.09		.07	.12	.05	.25	.16	.20	.14	.15	.15	.11	.11	.15	.14	.17	.16	.21		.14		.04	.05	07 25	10	4 05	3
FAIRHOPE	EVAP			.06		.08		.13	.12	.06	.12	.12	.03	.17	.09.	.14	.13		.12	.13	.12	.10	.12	.13	.14	.06	.10		.07	06 4	. 04	11 39		

										OCTOBER 1949
Station	ON County	Dramage; Lattude Longitude Elevation	Observation time Observer	Refer to tables	Station	ON County	Drainage; Latitude Longitude	Elevation Tempo amp	Observer	Refer to tables
ABBEVILLE ADDISON ADDISON CENTRAL TOWER ALABAMA STATE FARM ALBERTA ALBERTYILLE 1 MI S ALEXANDER CITY 6 MI NE ALICEVILLE ANDALUSIA ANNISTON WE AIRPORT	0008 HENRY 0063 WINSTON 0071 LAWRENCE 0117 LIWESTONE 0140 WILCOX 0168 HARSTALL 0163 TALLAPOOSA 0178 PICKENS 0252 COY NOTON 0272 CALHOUN	4 31 34 85 15 2 34 13 87 10 1500 12 34 41 86 53 600 12 34 41 86 53 600 13 1114 13 25 98 55 52 660 13 33 33 88 81 10 6 31 19 86 30 346 73 3 35 85 51	5P ALA. POLY. INST. 8A SIDNEY J.HARDY, SR. 8A PAT M. COURINGTON 5P F. E. BLACKBURN 7A HOSIE PHILLIPS	3 4 3 4 3 3 3 3 3 2 3 5 2 3 5 3 3 5 2 3 5 2 3 5	LOCK NO 1 LOCE NO 2 LOCK NO 3 LOCK NO 4 LOCK NO 17 MADISON MAGELLA MAGNOLI MILLS SSE MARION JUNCTION	4830 CLARKE 4835 CHOCTAW 4840 CHOCTAW 4840 CHOCTAW 4845 TALLADEGA 4855 TUSCALOUSA 4976 MADISON 5004 MARENCO 5108 PERRY 5116 DALLAS	13 31 33 88 01 13 32 08 88 02 13 32 17 88 01 7 33 38 86 11 2 33 29 87 20 12 34 42 86 45 3 33 30 86 51 1 32 08 87 39 3 32 37 87 18	654 6A MID 8A		3 4 3 3 3 CLOSED 8/24/49 3 2 3 5 3 4 3 4 3 4
ATHENS ATMORE STATE PARM AUBURN AUBURN SCS 10	0338 WINSTOW 0369 CLAY 0377 ST. CLAIR 0390 LIMESTOWS 0402 ESCAMBIA 0422 LEE 0427 LEE 0440 AUTAUGA 0546 COLBERT 0583 BALDWIN	2 34 04 87 13 11 33 16 85 50 73 3 50 86 16 880 12 34 48 86 59 709 11 32 36 85 30 732 11 32 36 85 39 12 34 43 87 52 463 83 05 38 7 57 268	6P 6P ATMORE STATE PARM 8A MES. MARTHA I. MOORE MID SCS 6A J. B. NEIGEBORS 7A TVA-462 7P 7P GROVER W. WOODWARD	3 4 3 3 4 5 2 3 4 5 6 3 4 3 3 2 3 5 6	MARTIN DAM MAXWELL FIELD MKLYIN MKRYZ 3 MILES E MIDWAY MILERS FERRY MILERS FERRY MILERS DA MITCHELL DAM MOBILE WB AIRPORT MOBILE WB CITY	5140 TALLAPOOSA 5202 MONTGOMERY 5354 CHOCTAW 5382 (BIBB 5397 BULLOCK 5417 WILCOX 5439 MACON 5465 CHILTON 5478 MOBILE 5483 MOBILE	11 32 40 85 55 1 32 25 86 25 13 31 56 88 27 3 32 53 87 20 4 32 04 85 32 1 32 06 87 22 1 32 06 87 22 1 32 48 86 27 9 30 41 88 12 9 30 42 88 02	165 6P 6P 7A 8A M1D 78 8A 206 8A 350 6A	ALABAMA POWER CO. U.S. ARMY AIR FORCES JOHN R. LAND USFS MATHEW W. RALL NORMAN D. WILLIAMS T. C. CARR ALABAMA POWER CO. U.S. WEATHER BUREAU U.S. WEATHER BUREAU	3 5 3 3 4 3 3 3 4 5 2 3 4 5 5 2 3 4 5
BEATRICE BELGREEN BERNY BEXARY BEXARY BEXARY BILLINGSLEY BIRMINGRAW WB AIRPORT BIRMINGRAW WB CITY BISHOP BOAZ BRANTLEY	0616 MONROE 0631 FRANKLIN 0748 PAYETTE 07490 MARION 0823 AUTAUGA 0831 JEFFERSON 0836 JEFFERSON 0854 COLBERT 0957 MARSHALL 1069 CRENSHAW	1 31 44 87 13 12 34 28 87 52 910 23 34 08 87 36 13 34 12 88 09 11 32 40 86 43 2 33 34 86 45 610 2 34 39 88 05 470 2 34 13 86 10 61 31 35 86 16 284	7A W. P. DUNN MID TVA-43 MID MISS CLARA R. OLIVE MID WHS. H. WHITEHEAD MID W. S. WEATHER BUREAU SP 5P MRS. CARRIE B. HORTON 7A TVA-42 7A MILPORD B. DOOLEY 8A R. E. BENEERSON	3 4 3 4 3 4 3 4 3 4 5 2 3 4 5 2 3 5 3 3 4 3	MONTE SANO MONTEVALLO MONTGOWERY WB AIRPORT MONTGOWERY WB CITY MOULTON MUSCLE SHOALS NEW BROCKTON NEWBURG NEW MARKET NEWBURG	5529 MADISON 5537 SHELBY 5550 MONTCOMERY 5625 LAWRENCE 5749 COLBERT 5842 COPPEE 5847 PRANKLIN 5862 MADISON 5875 DALE	12 34 45 86 31 3 33 06 86 53 1 32 18 86 23 1 32 23 86 18 12 34 29 87 17 12 34 44 87 35 5 31 23 85 56 12 34 29 87 35 12 34 29 87 35 12 34 29 87 35 12 34 29 87 35 12 34 29 87 35	198 MID MID 201 MID MID	TVA-530 M. P. JETER U.S. WEATHER BUREAU U.S. WEATHER BUREAU U.S. WEATHER BUREAU TVA-381 CAA TVA-644 TVA-644 FURN WYNN	3 3 2 3 4 5 2 3 4 5 3 4 2 3 5 3 4 3 3 3
BREWION 3 MILES SSE BRIDGEPORT 2 MILES W BRUNDIDGE CALEXA CAMPBELL CARBON HILL CEMIER, GROVE CENTER'S LLE CHATOM CHILDERSBURG	1084 ESCAMBIA 1099 JACKSON 1178 PIKE 1288 SBELBY 1315 CLARKE 1377 WALKER 1492 MGRGAN 1520 BIBB 1566 WASHINCTON 1615 TALLADEGA	6 31 04 87 03 85 12 34 56 85 44 660 5 31 43 85 49 515 7 33 06 86 45 500 13 31 55 87 59 2 33 54 87 32 430 12 34 23 86 38 780 3 32 57 87 08 230 13 31 58 81 15 7 33 17 86 21 540	59 MISS M.LOUISE JONES 7A GEO. L. HICKS 8A ZEMMA P. HOLCOMBE MID WM. H. GRIPPIM, JR. 7A MISS MARY C. RAY 7A U.S. DEPT. INTERIOR 6P 7A W. D. HOLLIFIELD 6P 6P GEAS C. SMITH	2 3 5 3 3 4 3 4 3 5 2 3 5 2 3 5	ONEONTA ORRYILLE OZARK PAINT ROCK PAINT ROLE PERRYVILLE PERRENVILLE PITEMAN PICKENSVILLE PINE HILL PINE LEVEL	6121 BLOUNT 6161 DALLAS 6218 DALE 6226 JACKSON 6246 JEFFERSON 6362 PERRY 6362 MONROE 6414 PICKENS 6460 WILCOX 6468 MONTGOMERY	2 33 57 86 30 1 32 18 87 14 5 31 23 85 39 12 34 40 86 20 3 33 44 86 39 3 32 37 87 16 1 31 35 87 16 1 31 31 38 16 1 31 32 87 86 97 36 6 32 04 86 04	857 7A 7A 200 8A 400 4P 7A	L. E. SELLERS EDWARD B. WARREN MRS. MARY E. SCOTT TVA-69 ROBERT P. STORES MRS. GERTRUDE GREEN MRS. MINTA EDDINS MRS. DORA I. CLAY MRS. DORA I. CLAY MRS. DOLLA L. OAKLEY C. W. ADAMS	2 3 5 3 5 3 4 3 3 3 4 3 3
CITRONELLE CLANTON CLAYTON COFFEE SPRINGS COLLINSVILLE COLUMBIA CORDOVA CUBA DADEVILLE DADEVILLE NO 2	1685 MOBILE 1694 CHILTON 1725 BARBOUR 1807 CENEVA 1849 DE KALB 1865 HOUSTON 1940 WALKER 2079 SUNTER 2119 TALLAPOOSA 2124 TALLAPOOSA	9 31 05 88 14 331 7 32 51 86 38 590 5 31 53 85 27 590 5 31 10 85 55 255 7 34 15 85 52 734 5 31 18 85 06 130 2 33 46 87 11 334 13 32 26 88 23 215 11 32 50 85 46	6P 6P B. O. JONES 7A 7A HUGH M. SIMPSON BA EDWARD E. POPE 6P MRS. J. VIRGIL BYNUM 7A MRS. S. CUNNINGHAM 8A COY TROMPSON 5D 8A MRS. C. GRESNAM	2 3 5 2 3 5 3 3 3 2 3 3 4	PLANTERSVILLE PLEASANT GROVE SCHOOL PLEASANT HILL PRATTVILLE PRATTVILLE PRINROSE PARM PUSEMATARA RED BAY REPORM RIVER PALLS RIVER PALLS RIVER PALLS 2 MI NE	6508 DALLAS 6521 JACKSON 6526 DALLAS 6640 AUTANGA 6684 MONTGOMERY 6719 CHOCTAW 6805 PRANKLIN 6847 PICKENS 6937 COVINGTON 6942 COVINGTON	1 32 39 86 56 12 34 57 85 55 1 32 09 86 28 1 32 20 86 15 13 32 12 88 21 12 34 27 88 09 13 33 23 88 01 6 31 21 86 32 6 31 23 86 33	7A 7A MID 281 6P 6P 180 NOON 7A 7A	O. H. BARNES TVA-695 CHARLES M. HENRY CONTINENTAL GIN CO. W. E. ELSBERRY MRS. JANIE C. BROWN TVA-493 WILLIAM T. AMBROSE JOHN R. BRAÜLEY ALABAMA ELECTRIC CO	3 3 4
DANCY DANVILLE DATTON DECATUR DECATUR NO 4 DECATUR NO 4 DECATUR SUBSTATION DEMOPOLIS DOTHAN CAA AIRPORT ELBA ELROD	2141 PICKENS 2149 MORGAN 2188 MARENGO 2207 MORGAN 2216 MORGAN 2221 MORGAN 2221 MORGAN 2372 HOUSTON 2577 COFFEE 2632 TUSCALOOSA	13 33 01 88 17 207 12 24 25 87 04 595 13 32 21 87 39 12 34 37 86 58 573 12 34 37 86 58 600 12 34 36 86 58 MIN 13 32 11 87 51 100 5 31 15 85 27 322 10 31 25 86 04 204 13 33 31 87 48	TP E. F. SMITH TA TVA-503 SP 6P JAMES M CREWS 68 MINS. SEEDA TRIMBLE AND SEEDA TRIMBLE AND SEEDA TRIMBLE TA J. A. ROBERTSON MID DMID CA. MID MID CA. TA K. V. BERRY TA K. V. BERRY	3 3 2 3 5 2 3 5 3 3 3 3 3 4 5 3	ROBERTSDALE 7 MILES E ROCK MILLS SAINT BERRARD SAND MTN. STATE FARM AP SAYRE SCOTTSBORO SCOTTSBORO SUBSTATION SEALE 7 MILES WNW SELMA SELMA VARSY	6088 BALDWIN 7025 RANDOLPB 7157 CULLMAN 7207 DE KALB 7282 JEFFERSON 7304 JACKSON 7310 JACKSON 7316 DALLAS 7415 COLBERT	9 30 33 87 36 4 33 09 85 18 2 34 12 86 47 12 34 17 85 58 2 33 43 86 58 12 34 41 86 01 4 32 18 85 17 1 32 25 87 00 12 34 46 87 42	1195 6P 6P 304 7A 660 6P 6P 660 7A 358 8A 147 6P 7A	CARL BOSECK JAMES B. BAILEY FR. FREDERICK SMITH ALA. POLY. INSTITUTE DORA R. WEESTER MRS. KINZIE BOBO TVA-76A B. G. BUSE JOHN O. REODES TVA-49	2 3 5 2 3 5 2 3 5 2 3 5 3 2 3 5 3 3 5 3 3 5 3 3 5 3 3 5 3 3 5 3 3 5 3 3 5 3 5 3 5 3 5 3 5 3 5 3 5 3 5 5 3 5 5 3 5 5 3 5 5 5 3 5
EUFAULA EUTAW LOCK NO 7 EVERGREN FAIRHOPE PALKYLLE FALLS CITY 6 MILES NW PARLEY FATETTE FLAT ROCK FLORENCE AT LOCK	2727 BARBOUR 2742 GREEME 2758 CONECUH 2813 BALUWIN 2840 MORGAN 2848 WINSTON 2867 MADISON 2883 FAYETTE 2945 JACKSON 2976 LAUDERDALE	4 31 53 85 08 254 2 32 47 87 50 6 31 26 86 58 340	7Å E. B. ROLBROOK 8A MRS.JESSIE D.GOLSON MID SP HAROLD F. YATES 7A TVA-384 7A USPS 8A TVA-57 8A 8A LOIS V WILLINGSWORTH	2 3 5 3 4 2 3 5 6 3 3 3 3 3 5 6 3 4 3	SHOEMARER SPRINGS SLOCOME SNOW BILL SOUTH HILL SPRING HILL SWAIN SYLACAUGA SYLVANIA TALLA DEGA TALLA DEGA TALLA DEGA BORN MTN.TWR	7460 LIMESTONE 7576 GENEWA 7620 WILCOX 7671 DE KALB 7733 MOBILE 7968 JACKSON 7994 TALLA DEGA 8012 DE KALB 8042 TALLA DEGA 8032 TALLA DEGA	12 34 51 87 12 5 31 06 85 35 1 32 00 87 01 12 34 24 86 02 9 30 42 88 10 12 34 53 86 13 7 33 10 86 13 12 34 34 85 49 7 33 18 86 04	225 6A 990 7A 175 9A 9A 665 7A 548 8A 1400 7A 554 6P 6P	TVA-682 PATRICK H. SMITH MRS. EVA R. RAY TVA-75 HAMLIN H. TIPPINS TVA-385 ALARAMA POWER CO. TVA-386 C. D. WKAVER USFS	3 3 3 2 3 5 3 3 3 2 3 5 3 3 3 3 5
FORT DEPOSIT FORT MORGAN FORT PAYNE FRISCO CITY GANDEN GAINESVILLE GANDEN CITY GENETA GOODWATER GORGAS	3024 LOWNDES 3035 BALDWIN 3043 DE KALB 3105 MONROE 3151 ETOWAR 3160 SUMTER 3200 CULLJAN 3255 GENEVA 3259 COOSA 3430 WALKER	6 31 59 86 35 520 9 30 14 88 01 7 34 26 85 43 879 8 31 26 87 24 7 34 01 86 00 554 13 32 49 88 09 130 2 34 00 86 44 5 31 02 85 52 107 7 33 04 86 03 826 2 33 39 87 13 300	9P 9P WM. E. CHANDLER SA JOHN W. PATE 8A 8A MRS. MELLA MCKEMZIE 8P 7A G. ERNEST HOLCOMB 7A PRANK J. PIELDS 8A MRS. G. MC KENZIE 7A 7A REBECCA CAMPBELL 7A 7A 7A C. PURVIS COMMWAY	3 4 5 2 3 4 5 2 3 5 2 3 5 3 4 2 3 5 2 3 5 3 4 2 3 5 3 5	THOMASVILLE SW THORSBY 1 MILE SW THURLOW DAM TIBBLE 2 MILES S TOMEY TRAPPORD TROY TUSCALOOSA AIRPORT TUSCALOOSA LOCK & DAM TUSKEEEE	8178 CLARKE 9204 CEILTON 8215 ELMORE 8223 WASEINGTON 8259 MADISON 8285 JEFFERSON 8380 TUSCALOOSA 8385 TUSCALOOSA 8388 MACON	13 31 55 87 45 1 32 54 86 44 11 32 32 85 54 13 31 20 88 15 12 34 54 86 44 2 33 49 86 44 10 31 49 85 58 2 \$3 14 87 37 2 \$3 13 87 35 11 32 24 85 42	288 6A 226 8A 750 MID 7A	MRS. MINNIE DEATON SCS ALABAMA POWER CO. BATTIE T. GIVENS TVA 506 MRS. M. JOHNSON THOMAS J. DILLARD CAA U. S. ENGINEERS U. S. ENGINEERS	2 3 5 3 4 3 3 3 4 3 4 2 3 4 5 2 3 4 5 2 3 5
GREENSBORD GREENVILLE NO 2 GULF SHORES 2 MI SSE GUNTERSVILLE CITY WTR GUNTERSVILLE DAM EALEVYILLE DAM HARRISBURG 6 MI SE HAYMILTON HARRISBURG 6 MI SE HAYNEVILLE	3511 HALE 3519 BUTLER 3524 BUTLER 3559 BALDWIN 3579 MARSHALL 3583 MARSHALL 3620 WINSTON 3644 MARION 3697 PERRY 3748 LOWNDES	2 32 42 87 36 220 6 31 50 86 38 444 63 150 86 38 9 30 16 87 40 10 12 34 22 86 17 610 12 34 26 86 24 611 2 34 14 87 38 94 31 32 24 88 7 59 MIN 3 32 48 87 11 600 13 21 86 35	MID ESTELLE LOWERY DOON GULF STATE PARK MID TVA-403 7A TVA-70 6P 7A ELMER L. SHIPMAN 6A REX COOPER	2 3 5 2 3 4 3 3 4 3 3 4 3 3 4 5 3 3 3 3 3 3 3 3	UNION SPRINGS UNIONTOWN DNIVERSITY VALLEY HEAD VANCE VERNON MALLEY WALLACE WALNUT GROVE WATERLOO	8438 BULLOCK 8446 PERRY 8454 TUSCALOOSA 8469 DE KALB 8477 TUSCALOOSA 8517 LAMAR 8605 RANDOLPH 8637 ESCAMBIA 9648 ETOWAR 8686 LAUDERDALE	6 32 08 85 44 1 32 27 87 31 2 33 12 87 33 7 34 34 85 36 3 33 10 87 13 33 34 5 88 07 11 33 08 85 34 6 31 13 87 13 2 34 04 86 19 12 34 55 88 04	225 MID MID 1031 8P 8A 7A 180 MID 640 6A 7A 850 7A	MRS. DOROTHY SLITH MRS. FRANCES MARTIN DR. P. H. MITCHELL MRS. CARRIE DALBY WM. F. YANCE G. C. MOORE, JR. ALABAMA POWER CO. HOWARD PETTIS MRS. FLORENCE PARKER J. ELLIE THREET	2 3 5 3 4 5 2 3 5 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
HELENA RIGHLAND HOME BIGHTOWER BODGES HUNTSVILLE SUBSTATION BUNTSVILLE HYTOP JACKSON SHOALS JACKSONVILLE JORDAN DAM	3783 SHELEY 3816 CRENSHAW 3842 CLEBURNE 3899 FRANKLIN 4060 MADISON 4068 MADISON 4069 JACKSON 4198 TALLADEGA 4209 CALHOUR 4306 ELMORE	3 33 18 86 51 416 6 31 57 86 19 594 11 33 32 85 24 13 34 20 87 56	MID PLOY E, OWEN	3 2 3 5 3 3 3 4 5 3 3 4 3	WEST BLOCTON WETUMPKA WHATLEY WHERLER DAM WILSON DAM WINSPIELD 2 MILES SW YATES HYDRO PLANT YOUNGS STORE NEW STATIONS	8809 BIBB 8859 ELMORE 8867 CLARKE 8875 LAWRENCE 8980 COLBERT 8998 FAYETTE 9103 ELMORE 9350 LAUDER DALE	3 33 07 87 07 7 32 32 86 12 13 31 39 87 43 12 34 47 87 21 12 34 48 87 37 13 33 56 87 49 11 32 34 85 54 12 34 57 87 54	205 6A 6A 7A 580 7A 530 6A 468 7A 335 6A	RUPERT M. BEARDEN MRS D. R. WHITAKER LEONARD L. COLEMAN TVA-52 TVA-471 W. W. COTNEY ALABAMA POWER CO. TVA-621	3 5 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
LA PAYETTE	4502 CHAMBERS 4603 COOSA 4619 JEFFERSON 4627 CHEROKEE 4734 TALLA DEGA 4798 SUNTER 4822 COVINGTON	11 32 54 85 24 830 7 32 58 86 31 420 3 33 33 86 33 636 7 34 11 85 46 589 7 33 37 86 07 510 13 32 35 88 11 160 9 31 01 86 22 290	6P 6P CLARENCE H. PINCHER 6A ALABAMA POWER CO. 8A MRS. MARY K. LEE 7A RIFUS M. SEWELL 7D 7D CLTY OF ILMOOLN	2 3 5 3 4 3 3 2 3 5 2 3 5 2 3 5	SUTTLE	7963 PERRY	3 32 32 87 11	74	J. F. SUTTLE, JR.	3

1 -ALABAMA: 2-BLACK WARRIOR; 3-CABABA: 4-CHATTAHOOCHEE; 5-CHOCTAWHATCHEE; 6-CONECUE; 7-COOSA; 8-ESCAMBIA; 9-GULF; 10-PEA; 11-TALLAPOOSA; 12-TENWESSEE; 13-TOMBIGBEE

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a State.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue

Unless otherwise indicated, discasional units used in this bulletin are: Temperatures in it ?, precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot disaster unless otherwise shown by footnote following Table 6.

When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.

Amounts in Table 4 are from recording gages. Traces are not shown

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

- No record.
 And also on a later date or dates.
 And also on a later date or dates.
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CLIMATOLOGICAL DATA

ALABAMA

NOVEMBER 1949

Volume LV No. 11



ALABAMA - NOVEMBER, 1949

A. R. Long, Section Director - Montgomery

Weather Summary

It was an unusual month in a number of respects. The State mean temperature was only 1.4° below normal, but there was a large number of frosty mornings. Afternoons were, however, mostly sunny and not unpleasant. Unlike last November which was extremely wet, this was the 4th driest November since State wide averages began in 1884, despite the frequent passing of cold fronts. Three tornadoes occurred in northeast Alabama on the 24th.

Monthly totals were small in all sections. Amounts of 2 inches or more in a few localities in the Tennessee Valley included moderately heavy showers which occurred on the 31st of October. There was some rain in the extreme north on the 2d. On the 13th, a cold front gave light showers which were nearly general. The first week was rather cool, but temperatures were on the rise from the 7th until after the passage of the front on the 13th. Thereafter, it was rather cool on an average, with a succession of cold fronts continuing to pass, but with practically no precipitation except scattered showers on the 24th.

As a result of the lack of rainfall, and the action of frequent frosts and low humidities, forest fires were exceptionally numerous in all sections. It was estimated by the State Forester that, in the 3 weeks ending December 5th, about 400,000 acres of woods had burned over.

Weather favored harvesting, and all crops were "in" as the month ended, except a little corn and cotton in the north. Dry soil, however, retarded seed germination and development of winter crops. Pasturage became short, forcing many farmers to feed cattle earlier than normal. Land breaking for spring crops was underway on some farms late in the month.

TORNADOES

Near Hackneyville, in the Camp Ground community 8 miles northeast of Alexander City in northeastern Tallapoosa County, at 4:30 p.m., a tornado over a path about three miles long destroyed 2 houses, with damage \$3,000. One house, in which were 10 negroes, was lifted into the air and smashed into the second house about 150 yards away, killing all ten occupants. There were 10 other negroes in the second house which was also destroyed, but they were unhurt.

The second was in Blount County at around 5:15 to 5:30 p.m., reported first at Fairview, west of Easley which is 6 miles west of Oneonta. Three persons were killed at Easley and another died on December 4th as a result of injuries when the storm hit the northern outskirts of Oneonta. The tornado moved on to Tate's Gap before lifting, making a path about 15 miles long. Besides the 4 killed, 44 were injured. There were 84 buildings damaged, of which 32 were completely destroyed. Total damage was about \$131,000, including \$5,000 worth of crops in storage and \$1,000 worth of livestock.

The third of these tornadoes struck the top of a ridge at Henagar, in DeKalb County, at about 6 p.m. One person was killed and 5 others were injured. A baby was still born as a result of injury to the mother. Three homes were destroyed, and total damage was about \$10,000.

As near as can be determined, all the above storms moved from west to east, and made paths about 100 yards wide. -FCP

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages-mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the year 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

SUPPLEMENTAL DATA

ALABAMA

																			NOVEM	BER 1949
	Wind	direction			speed p h.		Relati	ve hum	idity ave	rages -		Numi	per of d	ays with	precip	itation			sunset	
Station	Prevailing	Percent of time from prevailing	Average	Fastest	Direction of fastest mile	Date of fastest mile	12:30 a CST	6:30 a	12:30 p	6:30 p	Trace	00:10:	.1049	.5099	1.00 -1.99	2.0') and over	Total	Per ent of possible sun sine	Average sky cover sunrise to su	Degree day
ANNISTON WB AIRPORT	MM	12	6.0		-	-	86	88	46	70	3	0	2	0	0	0	5	-	3.4	480
BIRMINGHAM WB AIRPORT	SSW	14	7.7	29	NM	25	79	86	43	60	2	2	1	0	0	0	5	73	2.9	430
MOBILE WB CITY	N†	17†	11.7	38	MA	25	82†	83†	48†	68†	1	2	0	0	0	0	3	81	2.7	223
MONTGOMERY WB CITY	NW†	11†	6.8	23	N	21	78†	86†	39†	55†	2	1	2	0	0	0	5	80	2.5	291
† AIRPORT DATA	٠																			

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COMPARATIVE DATA

Table 1																	
	Т	emperature	•	Precipi	itation			Temperatur	6	Precipi	itation		1	Cemperatur	0	Precip	oitation
Year	Average	Highest	Lowest	Average	No. of days .01 or more	Year	Average	Highest	Lowest	Average	No. of days	Year	Average	Highest	Lowest	Average	No. of days
1884 1885 1886 1887 1888	52.0 52.6 52.5 53.4 54.9	82 85 84 84 83	15 18 18 9 20	2.54 4.62 5.77 1.13 3.64	6 8 9 2 6	1909 1910 1911 1912 1913	59.9 51.7 50.6 50.6 56.6	90 86 87 86 88	18 21 11 15 16	1.22 2.09 4.46 1.94 1.36	3 5 8 4 3	1934 1935 1936 1937 1938	57.6 56.6 53.3 51.0 56.5	87 90 90 85 89	23 18 15 17	3.87 3.17 1.72 3.19 3.35	6 5 5 8 6
1889 1890 1891 1892 1893	52.6 57.7 52.8 53.6 53.7	82 85 90 89 86	20 23 12 18 15	4.86 0.47 4.98 3.90 2.76	8 2 7 7 6	1914 1915 1916 1917 1918	53.1 56.6 54.8 51.5 53.5	86 89 89 81 81	9 20 12 20 25	4.13 3.12 2.82 1.36 5.06	7 5 5 7	1939 1940 1941 1942 1943	52.4 54.7 54.3 57.4 52.3	85 85 87 87	22 12 20 19 18	0.85 3.49 2.51 1.77 3.14	4 9 6 5 3
1894 1895 1896 1897 1898	51.1 53.9 58.0 54.8 50.4	85 84 90 85 87	11 18 14 21 12	0.78 1.53 4.06 2.02 5.62	3 4 7 5	1919 1920 1921 1922 1923	57.3 51.0 58.3 57.3 52.2	87 89 87 92 80	21 18 25 18 22	4.54 3.05 3.63 1.89 5.22	6 6 8 5 7	1944 1945 1946 1947	54.9 57.0 60.8 53.1 56.8	85 87 88 81 87	23 16 27 22 24	3.70 3.55 4.97 8.09 15.30	8 6 8 12
1899 1900 1901 1902 1903	56.0 55.4 49.2 58.1 51.4	83 86 84 85 85	18 23 16 21 12	3.01 3.85 1.89 4.18 2.07	6 6 4 6 5	1924 1925 1926 1927 1928	56.3 52.9 50.6 60.5 53.3	90 82 83 88 85	13 18 20 24 16	0.25 4.46 4.92 3.68 2.15	2 7 8 5 4	1949 Period	52.9 54.3	83 91	18	0.80	
1904 1905 1906 1907 1908	52.7 56.3 56.3 51.9 57.4	86 88 87 82 88	21 20 19 16 15	2.92 1.80 2.39 6.20 1.54	6 6 5 10 4	1929 1930 1931 1932 1933	54.4 54.0 60.8 50.3 55.2	88 85 89 79 91	10 16 25 20 18	10.02 7.18 1.76 3.71 1.15	13 10 4 8 3						

Table 2	1			Tempera	iture								Precipitati	on				
		,	I	1			No. c	of days					Snov	v, Sleet, H	ail	N	o of da	ys.
Station	Average	Departure from normal	Highest	Date	Lowest	Date	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total .	Max. depth on ground	Date	.01 or more	.25 or more	1.00 or more
NORTHERN DIVISION																		
ALBERTVILLE 1 S ANNISTON WB AIRPORT BIRMINGHAM WB APT BIRMINGHAM WB CITY CORDOVA	48.2 49.0 50.8 55.4 52.4	- 2.8 - 3.2 - 0.6 1.5 - 0.1	75 79 78 79 79	12 12 11 10+ 10+	24 21 25 26 21	26 23+ 22+ 22 26	0 0 0 0 0 0	15 16 11 6 14	1.11 .61 .42 .46 .67	- 2.61 - 2.63 - 2.89 - 2.85 - 2.74	1.05 .40 .32 .16	1 13 13 13	т	10		2 2 3 4	1 1 0 1	1 0 0 0
DECATUR FAYETTE GADSDEN GOODWATER HALEYVILLE	51.5 49.5 47.3 50.9 50.2	0.6 - 4.4 - 3.1	78 78 77 79 75	11 11+ 30 12 10	27 22 18 25 23	22+ 19+ 26 19	0 0 0 0 0	8 16 20 13 8	2.17 1.62 1.45 1.65	- 1.03 - 2.13 - 1.76 - 1.61	1.56 1.24 .66 .70	1 13 1 1 1	т			3 3 3 3	2 2 3 3 2	1 1 0 0
HUNTSVILLE LINCOLN MADISON MUSCLE SHOALS ONEONTA	48.1 50.4 50.3 50.1 48.4	- 0.9 - 0.5 - 2.2	77 78 77 76 80	11 29 11 10 12	23 23 24 24 21	26 26 22+ 26 26	0 0 0 0 0	14 18 10 12 17	.60 .60 .73 .16	- 2.86 - 2.79 - 3.29 - 1.83	.35 .60 .32 .12	24 13 3 13				6 1 4 2 2	1 1 0 2	0 0 0
ROCK MILLS SAINT BERNARD SAND MIN STA FRM AP SCOTTSBORO TALLADEGA	50.9 48.0 49.5 50.0 51.6	- 2.6 - 0.4 - 1.6	80 77 74 79 79	11 12 12 12 12	22 24 25 24 22	19+ 19+ 22+ 23+ 23+	0 0 0 0	15 16 10 12 11	1.07 1.08 .94 1.79	- 2.17 - 2.64 - 1.49 - 2.75	.41 .42 .53 .60	13 1 25 24 13				3 4 3 7 2	3 2 1 3	0 0 0 0 0
TUSCALOOSA AIRPORT UNIVERSITY VALLEY HEAD	51.7 51.0 46.1	- 1.7 - 2.4 - 3.3	81 77 76	29 20+ 12	25 26 19	23+ 26 26	0 0	12 9 21	.67	- 2.91 - 2.65	.42	12 13				2 2	2	0
DIVISION	50.1	1		[I	1		ļ	0.98									
MIDDLE DIVISION																		
ALEXANDER CTY 6 NE AUBURN CENTREVILLE CLANTON DAYTON	51.4 51.9M 54.5 50.7 55.7M	- 3.6 0.7 - 2.9	78 77 80 78 80	11 12+ 11+ 13+ 12+	21 25 27 25 25 25	19 19 26 19+ 22	0 0 0	7 13	.53 1.54 .98 .60	- 1.57 - 2.19 - 2.69	.27 .98 .38 .34 .20	29 25 1+ 1 25	T			2 5 4 4 3	2 2 2 1 0	0 0 0 0
EUFAULA GREENSBORO GREENVILLE HIGHLAND HOME LA FAYETTE	56.0 55.5 55.5 56.6 52.6	0.4 0.5 - 0.5 - 0.5	80 80 79 81 78	20+ 11+ 28+ 29 12	26 26 28 25 25	23 22 19+ 19 16+	0 0 0 0	5 6 4 4 11	1.57 .24 .40 .83	- 1.57 - 2.87 - 2.93	.77 .12 .28	25 14 25	-			4 3 2 4	3 0 1	0 0 0
LIVINGSTON MAXWELL FIELD MONTGOMERY WB APT MONTGOMERY WB CITY PRATTVILLE	54.0M 54.8 53.8 55.9 53.4	0.8 - 0.1 - 1.1	81 79 80 80 79	20+ 11+ 11+ 11 11+	25 29 26 32 26	22 23 23 22+ 23	0 0 0 0	6 2 6	.60 - .32 .25 1.09	- 2.39 - 2.98 - 2.20	.58 - .25 .14	12 24 29 25	- T			2 3 3 3	1 0 1	0 0 0
PUSHMATAHA SELMA THOMASVILLE TROY TUSKEGEE	53.7 56.1 56.1	- 1.5 - 0.3 0.4 - 3.3	82 81 81 79	21+ 11+ 10+	26 27 28 28 28	23 19+ 22 22 22 23	0 0 0	9 7 1	.95 .54 .56 .48	- 2.69 - 2.40 - 2.74 - 2.84 - 2.24	.40 .44 .17	1 25 25 25				3 4 2 5	1 1 0 2	0 0 0
UNION SPRINGS WETUMPKA	54.9M 54.8M	- 0.7 - 1.1	80 78	11+ 11+	28 28	22 19+	0	5	1.14	- 1.83 - 2.01	.68	25				4 3	2	0
DIVISION	54.3								0.74							1		
SOUTHERN DIVISION																		
ANDALUSIA ATMORE STATE FARM BAY MINETTE BREWTON 3 SSE CHATOM	56.5 57.2 57.5 54.8 55.0	- 2.2 - 1.9	82 82 83 83 82	13 11 29 11 11+	29 29 29 25 24	22 19+ 22 19+ 23	0 0 0 0	4 4 3 11 12	.38 .17 .13 .57	- - 2.77 - 2.46	.24 .17 .10 .47	14 30 12 14				5 1 2 2	0 0 0	0 0 0
CITRONELLE DOTHAN CAA AIRPORT EVERGREEN FAIRHOPE FORT MORGAN	58.3 55.6 55.5 56.0 62.1	- 1.0 - 1.3 - 2.8	81 82 83 83, 80	29 29 12 11	30 29 27 24 39	22 22 19+ 22 22	0 0 0 0	1 4 8 6 0	.17 .71 .55 .37	- 3.10 - 2.34 - 2.49 - 2.75	.12 .26 .40 .13	13 29 14 13				2 5 2 5 5	0 2 1 0	0 0 0 0 0
FRISCO CITY GENEVA LOCKHART MOBILE WB AIRPORT MOBILE WB CITY	56.2 55.4 57.0 57.2 58.5	- 0.1	83 82 82 80	12 30 28+ 11 29	28 27 29 29 34	19 19+ 26 22 22	0 0 0	4 7 4 1 0	.17 .97 .83 .44	- 2.85 - 1.96 - - 3.52	.10 .37 .30 .40	1 1 14 12 12				3 5 3 3	0 3 3 1	0 0 0 0
OZARK ROBERTSDALE 7 E SPRING HILL	57.6 57.5 59.0	0.2	81 79 82	29 11 10	28 29 30	22 19+ 22	0 0	4 3 1	.91 .78 .29	- 1.99 - 2.60 - 3.03	.49 .33 .14	25 13 13				3 6 3	2 1 0	0 0
DIVISION STATE	57.1 52.9	- 1.4							0.49	- 2.39				1		i		

Station		1	2	3 .	4	5	6	7	8	9	10	11	12	13	14	I5	16	17	18	19	20	21	22	23	24	25	26	27	28	29	3()	5
BBEVILLE DDISON DDISON CNTRL TOWER LABAMA STATE FARM LBERTA	R R	60 .30 36												. 68 . 46 . 60 . 39											.22 .40	.16				ı		
LBERTVILLE 1 S LEXANDER (TY 6 NE LICSVILLE NDALUSIA NNISTON WB AIRPORT		1.05								. 03		T		. 95	. 24										. 21	. 26			.06	. 27 T	. 02	
RLFY SMLAND SMVILLE THENS TWORE STATE FARM	//R	2.04 .37 .83	. 40	. 20										. 35											.11	. 35 . 10 T			. 20		.17	
TOURN TOURN SCS 10 TTAUGAVILLE INTON LY MINETTE	R	. 42	. 23										.10	. 10	.10										1,10	.98 .94 T			. 02	. 02		
ATRICE LGREEN RRY MAR 2 SE LLINGSLEY	R R	and the second											. 38 . 27	. 12					-	-	-	**		-	. 09	. 50	-	-	-	- 43	-	
RMINGHAM WB APT RMINGHAM WB CITY SHOP AZ ANTLY	z	. 14											T	.32 .16 .55											.08	.15				T T	T	
FWTON 3 SSF IDGEPORT 2 W UNDIDGE LERA	R	.10		. 03					.06				.06	.19	. 47										. 19			.04	. 06			
MPBELL RBON HILL NTER GROVE NTREVILLE AFOM	R	. 30 . 93 . 38	. 64							T			T	. 53 .17 .38												.17			т	.19	.06	
ILDERSBURG TRONELLE ANTON AYTON FFEE SPRINGS		. 34			1								.05	.12 .05	. 23											.18 .55 .10		Т	т	т	.03 T	
LLINSVILLE LUMBIA RIXOVA BA DEVILLE		. 67												. 87	.18											. 25			T .02	.03	.22	
DEVILLE NO 2 NCY NYILLE NYILLE CATUR	R	. 62		r									.28	.30				т							. 54	.48				.32	.15	
CATUR NO 4 CATUR SUBSTATION MOPOLIS THAN CAA AIRPORT BA	z	. 62								т				. 63 . 62 . 57 . 25											. 03	.06 .09 .10 .16			T	. 26	.01	
ROD FAULA TAN LOCK NO 7 ERGREEN IRHOPE	Z	. 36								.03	.02		. 04	.87	. 40											.56			.07	.02 T	.06 T	
LEVILLE LLS CITY 6 NW		. 53		. 09	T									. 18 . 50 . 19 1. 24				. 02								.09			.05	Т	.06	
AT ROCK LORENCE AT LOCK DRT DEPOSIT DRT WORGAN DRT PAYNE	//2 Z	. 16		. 03									.16	.10	.03			T							.11	.07			.06	. 10	.15	
ISCO CITY DSDEN INESVILLE RDEN CITY NEVA	z	. 66								.08				. 54											T	. 25 . 77 . 32 . 02				T	.12	
ODWATER RGAS FENSBORO FF NY ILLE EF NY ILLE NO 2	2	.70 .98 .31											. 13	.15	. 12										.08	.09	1		T	T		
TLF SHORES 2 SSF INTERSVILLE REC INTERSVILLE DAM LEYVILLE	R Z	.65				.0-	4							. 27 . 34 . 45 . 50	. 54										. 27	. 02			Т	. 05		
AMILTON ARRISBURG 6 SE AYNEVILLE ELEVA IGHLAND HOME		. 53												. 02 T . 46												T . 28	3		T		. 22	
GHTOWER IGES NISVILLE SUBSTA INTSVILLE TOP		.54	т	.0:	2									.80											. 35	. 37	7		T . 01	.01 T		
CKSON SHOALS CKSONVILLE ORDAN DAM FAYETTE LT DAM	2	. 21											. 01		. 0	2									.05	. 63			.02	. 03		
ELUS ENSBURG INCOLN IVINGSTON DCKHART		. 28											. 54	. 60	. 34	0										. 02					. 25	
LOCK NO 1 LOCK NO 2 LOCK NO 3 LOCK NO 17	//2	.39			'									.13											. 23	. 36 . 87 . 06	7		. 02			

Table 3—Continued																																NOT	/EMBE	R 1949
Station		1	2	3	4	5	6	7	7	8	9	10	11	12	13	14	_	16	т —	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
MARION 1 SSE MARION JUNCTION MARTIN DAM MAXWELL FIELD MELVIN	Z	.47 .32 .18				1	1		ı				Ī	T	. 09 T	6		1	+ -	•			-	-		т	. 86 T . 85		т	. 0 5	. 13			1.33 .41 1.73
MERTZ 3 E MIDWAY MILLERS FERRY MILSTEAD MOBILE WB AIRPORT	R	1.06				1	I	ı						.44	0 .03	. 0	7									. 01	.18				.05 T			.86 .10 - .53
MOBILE WB CITY MONTE SANO MONTEVALLO MONTGOMERY WB APT MONTGOMERY WB CITY	z	. 65 . 15												. 5	. 17	,										T . 25			т	. 04	05 T			.12 .99 .83 .32 .25
MOULTON MUSCLE SHOALS NEW BROCKTON NEWBURG NEW MARKET	R	.65	T	.04										.04	4 .22 4 .12 33 .54			Т								. 04 T . 36				.02	02 35			.36 .16 1.08 1.27 1.14
NEWTON ONEONTA ORRVILLE OZARK PAINT ROCK	R	.76		.02		1	1		03	i	.07				. 42	. 3	5									1.01	. 22			. 06	.08			.30 1.18 .35 .91 1.24
PALMERDALE PERRYVILLE PETERMAN PICKENSVILLE PINE HILL	R	.37				ı	ı		1	1			.09		.02											. 30	. 62		т			Т		.30 .99 .33 1.00 .60
PINE LEVEL PLANTERSVILLE PLEASANT GROVE SCH PLEASANT HILL PRATTVILLE	R	.30		.02											.10		3									. 02	45 . 20					.05		.23 .95 1.00 .08 1.09
PRIMROSE FARM PUSHMATAHA RED BAY REFORM RIVER FALLS		.17 .23 .01													. 14 * 15 . 85	. 5											. 18			Т		.16		.65 .95 .38 .86
RIVER FALLS 2 NE ROBERTSDALE 7 E ROCK MILLS SAINT BERNARD SAND MTN STA FRM AP	R	.34		.01											09 . 33 . 41 . 22 . 21	. 2	<u>.</u>									. 23	. 32			. 02	.07			.39 .78 1.07 1.08 .94
SAYRE SCOTTSBORO SCOTTSBORO SUBSTA SEALE 7 WNW SELMA	`	1.02 .40 .70 .10 .40		.10		1	1				T				. 13	. 60)		. 0	3						. 60	. 02 . 55 . 20 . 04			. 22	.12			1.17 1.79 1.81 .90 .54
SHEFFIELD TVA NRSY SHOEMAKER SPRINGS SLOCOMB SNOW HILL SOUTH HILL		1.40 73 1.00 1.71													. 21	. 1 : T	5							Т			.10			Т	. 30 T			.61 .98 .45 1.10 1.13
SPRING HILL SUTTLE SWAIM SYLACAUGA SYLVANIA		.26 .78 .35 .62		.05			I	1	1	1	1		1	.11	. 14 . 18 . 13 . 21	.10											.68 .11 .16				. 02	.11		. 29 1.04 1.14 .75 1.28
TALLADEGA TALLADEGA HRN MT TR THOMASVILLE THORSBY 1 SW THURLOW DAM	R	.04				ı	ı	1	1	1			ı	.02	. 42 . 30 . 12 2 . 10		3									. 50	.13 .44 .44			,	T . 02			.55 .74 .56 .64
TONEY TRAFFORD TROY TUSCALOOSA AIRPORT TUSCALOOSA LCK DAM	R Z Z	.05				1	1	!	1.	1	.09		ı	1 .42	. 45 . 29 2 . 25 . 85	.10)									.11 T	. 03		т	.02	.04			.61 .97 .48 .67
TUSKEGEE UNION SPRINGS UNIONTOWN UNIVERSITY VALLEY HEAD	z	.12				1	I		1	1				.13	* . 77 . 22	. 21	3										. 30			. 02		т		.70 1.14 - .94
VANCE VERNON WADLEY WALLACE WALNUT GROVE	R	.62							ļ	-				1.27	7 .34 7 .10 -											. 02	. 14					. 17		1.10 1.39 - .17 1.25
WATERLOO WEST BLOCTON WETUMPKA WHATLEY WHEELER DAM		.39 .11 .45			.0	5				. 10				. 28	3 . 30 . 20 . 26	. 31	3										.10 .68 .24				т	T T		.58 .84 1.17 .96 .99
WILSON DAM WINFIELD 2 SW YATES HYDRO PLANT YOUNGS STORE		.43		.01		1	1		ı		T				. 25	. 51											T .16 1.09				Т			.69 1.15 1.62 1.15

able 4																								NOV	VEMBER	R 19
Station		-						ar endu	ag .									P. N	vl. Hou	ur endı	ng					Total
		1	2	3	4	5	6	7	8	Cį	10	11	12	1 2	2 3	3	4	5	6	7	8	9	10	11	12	F
DIAL NOVILLA IN THE CONTROL OF THE C													-lst	_												
RMINGHAM WB APT		.01		.01				. 01		. 01			0.2													
AT ROCK ORT PAYNE		.02	05		. 10																					
RDEN CITY	6	.02						10																		
ISCLE SHOALS	6	.01		0.4																						
NEY SCALOOSA AIRPORT	6	.04		01																						
													2.1													
AT ROCK			. 03										-3d													
NTSVILLE	6					*	٠	0.2																		
INT ROCK			. 02										Date 2													
												-	-5th	_												
NTERSVILLE REC																	. 04									
												-	-8th	_												
MPBELL																					.01	.01	.03	.01	-	
												-	-9th	_												
OY								.05	.01																	
												-	-12th	1-												
LGREEN											. 02		.18			03	1.0									
RRY XAR 2 SE																	16	.03		*	01	٠				
MPBELL														03 .	01 .	.01	.01			٠		٠	٠	٠		
TAW LOCK NO 7 PRT MORGAN	//								02	.12	.01									.60	.01					
LF YVILLE CKSONVILLE																.07.	.01	.02			. 01					
CK NO 1 BILE WB AIRPORT	6									٠	.01			.08 .	01											
BILE WB CITY ULTON											. 04	.02	.01			04										
SCLE SHCALS DRSBY 1 SW	6																	•	.01	04						
AFFORD SCALOOSA AIRPORT	6																		.01	0	٠	٠				
IVERSITY RNON	· ·								0.1	0.0	0.1	20	0.0	D.O.		12	.06			. 42						١.
MINON .									. 01	0.5	.01			38 .	02 .	.01			. 02							1
BD1141 4 P												-	-13th	1-												
BEVILLE DISON		.02	. 38	0.5	.01										46 .	19	.01					. 01	. 01			
INISTON WB AIRPORT BURN SCS 10	6								•	*	*	•	.10	.40												
LGREFN RRY		.07	.05		.01																					
AAR 2 SE RMINGHAM WB APT			*		. 25	,07	41																			
DEVILLE NO 2			•	*	*	*	*	. 34			. 03	.01	,	.03												
THAN CAA AIRPORT TA. LOCK NO 7							14	.12			. 03	.01			11 .	01!	.01	.01			.01	.01	.01	.02	.04	
AT ROCK ORT MORGAN	//						. 09	01		0.4		0.4	001	0.1	0.6	101	0.7	0.5	0.2	. 00	0.1	0.2		0.0	.03	
RT PAYNE	//					.01	.13	03		.04		. 24	.02	01 .	06 .	13	.07	.05	.03	.02	.01	.03		.02	.03	
RDEN (ITY EENVILLE NO 2				. 01	. 30	.01					01	. 09														
NTERSVILLE REC LEYVILLE		. 32	.05	.01																						
WISVILLE CKSONVILLE	6		*	*	*	.11	11	.10																		
Y DAM DWAY							. 11									01	.01	.03								
BILE WB AIRPORT	6			•	٠	٠	9	02	۰	•	. 03	.01	.01	01												
INTGOMERY WB APT	6								٠	,10	.00		* .	.07												
ULTON SCLE SHOALS	6	.11	.02	.02	.02			.05																		
W BROCKTON INT ROCK	3							.12						.02 .	28		. 01		.01				01			
TERMAN				01	.01			0.7	41.4																	
EASANT HILL VIR FALLS 2 NE								05	01				*				•	.09								
ORSBY 1 SW		. 01					. 08	.02																		
AFFORD OY		٠	•	•	۰	٠	•	. 26				. 01	.011	01 .	02		. 01	.02	.01	.01						
SCALOOSA AIRPORT IVERSITY	6	02			01	٠	•	25																		
INON		09																								
												_	-14th	1-												
THAN CAA AIRPORT RT MORGAN	//	. 04	.01	.01	04	.02	0.1	.01																		
- VIIIIII	//	. 04	.01	.02	()4	.02	.01	.01					1041													
DDV													-18th	1—												
CRRY																										
												_	24th	1-												
BBFVILLE. DDISOS										.01	01	01	0.1			0.1	0.2	1.4	0.1						15	
ENISTON OB AIRPORT	6																		02					•		
																		0.5		17		1.1				1
UBURN SCS 10												. 09														

HOURLY PRECIPITATION

ALABAMA NOVEMBER 1949

0		A. M. Hour ending			P. M. Hour endi	ng	
Station	1 2 3 4	4 5 6 7 8 9	10 11 12	1 2 3	4 5 6 7	8 9 10	11 12
SOAZ CAMPBELL ADEVILLE NO 2 SOTHAN CAA AIRPORT SUTAW LOCK NO 7 ELAT ROCK FORT PAYNE SARDEN CITY REEENVILLE NO 2		.01 .01,		.01	.17 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01 .02 .01 .02 .03 .01 .02	.46 .01 .01 .13 .28 .03	.05 .01
IUNTERSVILLE REC LALEYVILLE LINTSVILLE 6 LACKSONVILLE AY DAM LAGNOLIA LAGNO			*	.04	.27 * * * .35 .03 .05 .01 .01 * * * *	.51 .01 .06 .02 * * *	* .86
ONTGOMERY WB APT 6 ONTGOMERY WB CITY OULTON EW BROCKTON AINT ROCK ETERMAN LEASANT HILL IVER FALLS 2 NE				. 04	1.01	.04 .01 .23 .01 .01	.03 .28
HORSBY 1 SW ONEY RAFFORD ROY ERNON			.01 .04 -25	.01 .09	.04 .01 .01		.15 .01
BBEVILLE NNISTON WB AIRPORT ONTHAN CAA AIRPORT UNTSVILLE GONTGOMERY WB APT 6 EW BROCKTON ETTERMAN ROY	.16 21 .04 .11 .01 * * * .25 .02 .01 .	* * * ! .02 01	-23)III—			
AY DAM		,	-27 -28				
LAT ROCK UNTSVILLE 6 OULTON AINT ROCK		.03 * * .04 .01	* * * * -29	.01	1	1.01	.02
TMORE STATE FARM ADEVILLE NO 2 OCHAN CAA AIRPORT UITAW LOCK NO 7 ORT MORGAN // ARDEN CITY LIDWAY		* * [* * *]	* * *	* * * .03		.04 .07	.23 .04
ONTGOMERY WB CITY OULTON EW BROCKTON IVER FALLS 2 NE HORSBY 1 SW ROY		.02 * * *	* * *	* * * .01	.14	.18: .15	.02
ERRY ORT MORGAN //	.15		.02			-	

Table 5														-		Day	of mo	nth						-							NOVEN	BER 1
Station		1	2	3	4	5	6	7	8 !	9	10	11	12	13	14				,×	19	20	2.	:	.23	24	. 5	26	,,,,	. 11	29	30 3	31
ALBERTVILLE 1 S	MAX		54 36	67 37	57 28	58 36	58 28	60	61	63 30	72 45	74 47	75 5 N		65 37	64	62	59		47	63	70 32		46 25	55 37					69 54		6:34
ALEXANDER CTY 6 NE	MAX	60	68	60		62	64	70 27			74 38	78 38	77	74	74 47	75 33	64	56 36		61	76 37		5.2 25	60	68	65	59		76	17	63	60
ANDALUSIA	MAX	75 38	60	68	58		70 36	61	70				80 53	82	74		76 40	69	5.9	59	61	78 56	55	54	61 18	74	5.9	1.25	78 56	80	80	61
ANNISTON WB AIRPORT	MAX	59	68	50	61	58	63	68	72	73	76 37	76 40	, 9 15		71 36	69	63 26	55	52	63	75 14	60 34	50	58 21	66 33	35 26	56 21				62	64
ATMORE STATE FARM	MAX MIN	62	70	65 46	65	68		72 34	76 39		80	82 52	77 55	73	72	78 39	70		59	68	78 46	74 55	58	65	74	71 45	69	78	8 7	80	77	71
AUBURN	MAX	72	60	62	60	62 35			72 40		76 47			77			74 36			53 25	61	71	60			66 46		5.7		76		6:
BAY MINETTE	MAX	60	71 35	59	65 34	69	67	72	73 42	80	81		74 5n	67 59	71 49	78 43	70	ο.0	60	68	78 47	73 54	36 29	6.7	75 48	67	70 34	it.	80 58	83		70
BIRMINGHAM WB APT	MAX	57	69	51	61	57	61	68	72	74 43	76 43	78 47	11			66	62		53 28	64 27	76		50	57	67	56	60		73	76	62	64
IRMINGHAM WB CITY	MAX	61	71 38	64	65 31	63	66	73 35	74 10	78 51	79 53	79 56	77 58	70 1 57	74 43	70 45	66 35	58 35	58	65 31	79 49	71 43	53	59	67	40	61	71 50	72 59	78 65	67 43	68
BREWTON 3 SSE	MAX	62	71	60	66	70	62	70 28		79	81	83	80	71	70 54	77	71 31	66 35	59	68	71	69	58	67	74	7.0	70	80	81	82	73	7:
ENTREVILLE	MAX	60	68	62	65	64		70 32	-	78 46			a(I 50				68		58	25 60 28	31 78	50 68 50	29 36 30	62	70		66	70			70	61
натом	MAX	62	72	60	69	67	66 32	72	77	79	80	62	76 51	69	73	74	71 32	61	61	69	38 79	66	56	64	77	71	70	79	79	82	74	71
ITRONELLE	MAX MIN	60 35	70 38	58 46	64 38	34 67 43	65 39	70 45	74 46	78 52	79 50	80	51 76 63		71	35 71	70	62	59	68		71	53	66	47 76	69	69		51	81		70
LANTON	MAX	64	57	66	54	59	62	60	65	70	74	75	77	78	48 69		74						61	48	52		53	51	76	78		65
DRDOVA	MAX	37 59	71	36 67 39	66	60	64	70	73	35 76	79	45 78	46 78	52 65	68	70			53	65	27 75	48	50	25 60	68	70	39	79	55	76	73	68
AYTON	MAX	66	32		26 64	62	25 64		73	74		79			71				58	66	77	74		62		66		39 73	78	65 80		70
SCATUR	MIN	34 55	69	60	63	39	33 59	63	72	73	77	78	76	66	65	61	60	54	31	63	71	65	25 43	30	42 65	h2	56	49 68	58	70	61	63
OTHAN CAA AIRPORT	MIN		37 68	39 61	31 64	71	32 64	71	72	77	47	52 80	52 79	55 77		45 75	68	37 59	30 58	63	78		54	63	74	64			53			31
UPAULA	MIN	61		63	34 64				70			78			71		67		35	30 65		73	59		72		30	42 75	55 75	80	76	6
VERGREEN	MIN	71	61	71	33 59	36 62	70	67	73	75	81	80	50 83	82	77	39	78	71	31	59	40	79	29	54	67	73	28	39	52 78	81	82	7:
AIRHOPE	MIN		70	62	64	72	36 66		75		80		53	52 68	73	76	35 72	39 66	61	69	74		57	28 68	76	6.3	69			59 81		7
AYETTE	MAX	50	32 58	71	53	43 64	58	37 65	39 69	48 71	76	55 78	78	70		71	37 67	38 64	33 55	30	53	39 78	53	50	45	70	37 55	61	71	57	75	6.
DRT MORGAN	MIN		67	66		32 68		69	72	74	36 75		75	52 71	69	72		31	62	67	32 75	35 69	65	64	75	10	65	74	76	72		6
RISCO CITY	MAX	70		70	45 59	54 66	69	50 68	73		59 81		86		67	73	59 78	70		60		79	67	56	64	74	52		78	79	81	7
ADSDEN	MAX	62	34 58	45 69	33 49	61	36 56		39 69	70							35 65		33 54	50	60	73	55	49	33	38 64	32 45	55	70	73		6:
ENEVA	WYX	77	30 64	70			73		70			77		77	76	7.1		75			66						61	66	79			71
OODWATER	MAX	68	58	70	52	61	60	63	70	72	76	75	79	78	73	72	75	64	55	53	6.5	77	59	53	61	67		60	65		76	35 6
REENSBORO	MAX	61	72	58	63	66	69	73	75	78	79	80	78	71	75	70	69	6.0	59	67	80	76	55	59	/2	67	63	75	78	80	73	7
REENVILLE	MAX	56	65	55	60	65	64	67	70	76	75	78	77	70	70	75	68	56	55	65	78	72	54	62	73	69	64	73	79	79	75	61
ALEYVILLE	MAX	56	65	48	59	35	59	65	70	70	75	71	64	62	48	60	60	54	,, ()	62	12	56	48	59	67	(+()	59	71	6135	66	65	6:
IGHLAND HOME	MAX	31 59	70	37 62	63	65	62	70	75	75	74	80	79	70	71	77	68	60	56	67	79	72	54	6.1	72	6.9	6.2	75	7.9	81	80	69
UNTSVILLE	MAX	55	68	49	60	52	59	66	73	72	75	77	75	66	48 65 36	62	59	52	48	62	7.0	53	45	56	65	5.0	5.4	69	6.9	70	62	6:
A FAYETTE	MAX	60	68	58	64	61	64	71	70	75	75	77	78	70	71	75	59	54	60	65	75	70	51	59		63	5.9	62	17	7.7	63	34 66 38
INCOLN			70	56	64	65	63	70	72	76	74	76	75	70	72	71	65	57	54	63	75	45 62	55	69	68	70	61.56	70		78	64	61
IVINGSTON	MAX		32	56	65	62	65	70	73	78	77	79	7"		74		69				ні			30 5t	75 46	70	23 66 26		78	81 62		6:
OCKBART	MAX	74	61	69	59	36 64	72	65	70	73	79	79	81	77	77	66	32 76	10.7	,15	3.9	Fife	75		26 53 30		17 75 52	61	67	×2	Si	82	7
ADISON	MAX	54	67	5.7	59	5.4	60	66	72	74	76	7.7	76	64	53 66	62	5.8	55	50	ts }	71	61	15	18	64	61	0.5	70	to B	72	68	6:
AXVELL PIELD	MAX	60	68	56	62	64	62	67	71	74	75	79	in	73	39 72	75	65	57	56	6.4	11	62	15	6,6,	12	61	61	72	79	78	65	67
MOBILE WB AIRPORT	MAX	6.1	70	61	65	70	65	71	74	79	77	80	75	66	72	76	12	61	0-1	68	: ,	. (,	5.1	6,6.	7.1	fs ⁵)	67	78	78	79	68	69
	MIN	35	36	40	35	42	36	43	42	52	49) i	4+3	54	48	44	10	41	35	35	5.1	\$ ()	29	\$0	55	-11	37	44	1 1	6.2	45	44

DAILY TEMPERATURES

ALABAMA NOVEMBER 1949

Table 5-Continued

Station																Day	of mo	nth					-				r				,		srage
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	nξ.
MOBILE WB CITY	MAX	61 38	68 40	60 45	65 39	69 46	65 40	71 41	75 43	78 50	76 52	77 59	75 67	68 56	71 50	77 48	72 46	61 44	60 41	62 35	77 56	67 44	54 34	63 35	74 57	63 50	66 44	77 55	78 62	80 65	69 48		69 47
MONTGOMERY WB APT	MAX MIN	60 40	68 35	57 38	62 33	65 37	65 35	71 32	73 40	76 42	77 46	80 45	78 51	71 52	74 44	76 39	66 36	57 38	56 32	66 28	78 40	63 36	52 27	61 26	72 46	64 35	63 28	72 45	79 49	80 62	65 42		68 39
MONTGOMERY WB CITY	MAX	60 40	67 39	57 41	62 36	63 42	62 37	70 37	73 46	76 46	78 51	80 52	77 58	71 54	73 48	76 46	66 41	56 41	55 35	65 33	78 48	61 38	52 32	60 32	71 50	64 43	63 36	71 49	79 58	79 63	65 50		67 44
MUSCLE SHOALS	MAX	56 32	67 38	49 36	63 28	54 40	61 29	67 28	72 34	74 42	76 46	75 52	66 50	62 44	66 39	60 40	61 29	51 34	49 32	63 27	72 52	52 32	48 25	59 31	65 42	52 32	60 24	71 48	70 53	71 52	60 39		62 37
ONEONTA	MAX - MIN	58 35	56 31	70 33	49 25	62 26	55 25	62 26	70 27	75 32	75 36	78 38	80 43	78 47	69 35	70 35	66 26	63 29	50 27	50 23	65 24	74 40	55 25	50 24	58 25	64 35	54 21	61 23	68 49	75 61	76 44		64 32
DZARK	MAX MIN	73 41	69 39	65 46	63 34	69 40	65 37	70 38	72 48	77 49	75 53	80 51	79 53	74 52	66 53	76 46	72 40	64 42	56 35	65 32	79 42	75 56	62 28	65 32	73 45	70 48	63 32	77 42	79 55	81 60	78 52		71 44
PRATTVILLE	MAX	59 41	69 34	55 39	61 33	62 34	63 38	70 32	71 39	75 40	75 43	79 43	78 50	74 55	71 44	76 37	65 33	56 34	54 28	64 27	78 37	64 48	51 28	61 26	71 50	65 40	61 29	71 39	79 49	77 62	71 47		67 39
PUSHMATAHA	MAX	58 33	61 32	73 35	58 31	67 33	67 32	64 30	70 33	72 35	76 41	79 48	81 51	75 52	70 38	73 38	71 37	70 34	60 33	60 27	69 49	82 49	62 27	53 26	59 27	75 47	61 31	69 33	70 60	80 64	82 48		68 38
ROBERTSDALE 7 E	MAX	61 37	68 35	60 48	65 34	71 44	67 36	71 36	72 42	78 50	78 47	79 54	76 59	69 60	69 53	73 43	70 43	62 42	60 37	65 29	75 47	68 59	59 29	66 30	73 51	69 52	67 39	75 47	77 59	77 61	71 55		68
ROCK MILLS	MAX	61 41	68 31	61 38	65 29	64 32	64 28	72 28	70 34	75 32	73 37	80 37	79 40	72 50	74 38	73 33	64 28	58 29	55 23	62 22	76 31	65 48	53 26	58 23	65 35	62 43	58 22	68 30	75 43	77 64	69 41		67
SAINT BERNARD	MAX	55	56 32	68 34	47 28	62 28	53 28	62 28	68 30	71	73 37	75 38	77 44	75 48	64 38	66 37	62 28	62 28	53 28	50 24	64 25	74 37	52 25	49	57 29	64 38	48	57 25	75	69	74		6:
SAND WIN STA FRM AP	MAX MIN	54 36	66 33	58 34	58 26	52 34	60 26	65 26	70 31	71 40	71 47	73 50	74 51	69 53	64 37	62 37	57 29	50 33	46 29	59 26	72 37	67 35	46 25	55 27	62 37	61	66 25	68 34	68 53	73 61	62 40		6:
COTTSBORO	MAX	60 39	70 33	54 38	64 28	55 37	65 29	70 28	73 29	75 37	77 36	78 41	79 44	68 56	70 38	64 39	62 29	55 30	52 29	63 25	71 38	58 37	51 27	57 24	62 39	60 27	55 24	71 35	65 45	73 57	62 41		64
ELMA	MAX	69 37	72 35	55 44	65 32	66 37	67 35	70 32	75 37	79 47	80 46	81 47	81 53	72 56	74 43	76 39	68 35	61 37	59 32	67 27	79 39	73 53	60 29	69 27	74 43	68 47	66 28	74 49	80 51	81 65	76 49		7:
SPRING HILL	MAX	68 36	63 39	72 47	62 36	68 46	71 38	69 42	73 42	72 51	82 49	79 58	80 63	76 63	65 49		78 44	72 42	63 38	63 34	71 48	78 57	67 30	59 35	70 43	75 51	65 41	70	79 62	79 64	81 54		71
PALLADEGA	MAX	60	69 31	58 40	62 26	61 33	63 27	70 28	73 31	74 36	77 40	77 43	79 48	70 57	72 38	71 34	63 27	56 35	54 29	63 23	76 47	61	52 26	60 22	67 36	65 41	58	70 41	77 53	75 59	63		66
THOMASVILLE	MAX		71 37	55 40	63 33	62 42	63 35	70 41	75 42	78 47	81 51	81 56	78 61	65 53	70 44	74 43	68 38	58 38	56 33	68 33	78 50	62 45	50 28	63 33	75 49	67 40	68 35	75 52	80 57	81 64	70 49		6
TROY	MAX	40	39	45	34	44	36	40	44	49	75 52	50	52	61	51	42	41	40	35	30	43	77 55	28	52 32	58 42	49			75 55	79 60	79 50		44
TUSCALOOSA AIRPORT	MAX	59 34	72 33	55 34	65 30	61 36	64 30	70 29	74 31	77 42	79 39	79 45	79 47	69 45	73 39	68 36	66 30	57 31	56 27	66 26	80 42	62 34	52 27	57 25	72 37	61 30	64 25	73 44	76 55	81 53	65 33		6
TUSKEGRE	MAX	75 40	60 35	68 42	56 29	63 36	64 31	64 32	69 39	73 42	77 48	77 45	79 50	79 59	72 47	71 37	76 38	65 37	56 30	54 25	64 39	78 51	62 27	52 24	61 40	71 45	54 27	60 39	68	78	77		6'
UNION SPRINGS	MAX	61 38	69 33	59 41	32	65	63 32	71 31	73 40	72 43	78 43	80 46	80 52	70 52	71 47	77 38	67 34	58 32	59 32	64 29	80 47	64 48	53 28	63 29	73 47	67 40	63 30	72 49	79 57	80 65	70 45		69
UN IVERS I TY	MAX	56	68 35	53 36	60 31	58 35	60 31	67 30	72 34	74 44	75 43	75 47	76 50	65 46	70 40	65 39	63 32	54 35	53 30	61 27	77 47	58 33	48 27	54 27	69 40	58 33	60 26	69 48	73 59	77 53	62 36		64
VALLEY HEAD	MAX	49	66 30	57 32	57 24	54 24	56 24	58 24	72 27	72 31	74 32	72 38	76 38	75 44	75 35	61 35	57 24	50 25	47 22	59 21	65 32	52 27	47	58 20	61 29	61	52 19	65 35	68 49	70 52	65 30		6:
WETUMPKA	MAX	60 43	68 38	68 45	61	65 38	63	69 34	71 41	76 48	72 47	78 45	77 51	72 62	71 46	75 40	75 36	67 38	57 32	62 28	68 44	53	60 29	50 28	61 45	73 44	58 29	61 44	55	78 64	75 47		67

EVAPORATION AND WIND MOVEMENT

Table 6 Total
Departure
from Day of month Station 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 5 6 7 1 2 3 4 AUBURN .13 .08 .10 .13 .11 26 28 42 20 .09 .09 .09 .06 .09 .08 .10 .03 .08 .15 .12 .10 .10 .10 .11 .17 .07 .09 .16 12 27 31 16 43 30 31 29 35 50 77 11 28 104 .01 .08 .08 .13 .10 .11 9 51 14 42 FAIRHOPE ,11 76 .11 .08 31 17 .13 .01 .08 11 32 14 2.82 790

	ON County	Dramage: Lattude	Longitude	Tempor various	Observer	Refer to tables	Station	o County	Drainage † Latitude Longitude	Klevation Temp.	ao	Refer to tables
ADDISON CENTRAL TOWER OR ALBEMMA STATE PARM OL ALBEMTY ILLE 1 MIS OL ALEXANDER CITY 6 MINE OL ALICEVILLE OL ANDALUSIA OL	OOR HEMRY 063 WINSTON 071 LAWRENCE. 17 LIMESTONE 140 WILCOX 144 MAR HALL 163 TALLAPOOSA 174 LICKENS 1752 COVINCTON 177 CALROUN	6 11 34 2 34 13 2 34 25 12 34 41 1 12 14 12 34 16 11 32 59 13 33 08 6 31 19 7 33 35	87 10 87 19 1 86 53 87 25 86 13 1 85 52	500 M1 700 51 114 8A 8 660 5P 51 346 8A 86	D J P. MITCHELL D PALMER GODENT 1 N.F S. ALA POWY INST SUDNEY J.HARDY SR MAT M. COLMENCTON Y F. BLACKBURN HOST PHILLIPS WM. M. GARRETT U.S. WEATHER BUREAU	3 4 3 4 3 3 3 3 2 3 5 2 3 6 2 3 6 2 3 4 5	LOCK NO 1 LOCK NO 2 LOCK NO 3 LOCK NO 4 LOCK NO 17 MADISON MAGRALA MAGNOLIA MAGNOLIA MAGNOLIA MARION 1 MILE SSE MARION JUNCTION	4830 CLARKE 4835 CHOCTAW 4840 CHOCTAW 4840 CHOCTAW 4845 TALLAREGA 4875 TUSCALOGA 4976 MADISON 5004 MARENGO 5108 PERRY 5116 DALLAR	13 31 33 88 01 13 32 06 88 02 13 32 17 88 01 7 33 38 86 11 2 33 29 87 20 12 34 42 86 45 3 33 30 86 51 1 32 08 87 39 3 23 27 87 18 3 32 26 87 18	11 23 33 510 7P 280 573 6P 654 263 204	7A U. S. ENGINEERS 7A U. S. ENGINEERS 7A U. S. ENGINEERS 7A U. S. ENGINEERS 7A U. S. ENGINEERS 6A ALARAMA POWER CO. 81D DR. T. B. GALLARD 8A O. MYNON BOLIFIELD 8A MSS. MARGART SMRAGART	3 4 3 3 3 CLOSED 8/24 49 3 2 3 8 3 4 3 4 3 4
ASPLAND 03 ASPLAND 03 ATRENS 07 ATMORE STATE FARM 04 AUBURN 04 AUBURN 105 10 04 AUTADGAFILLE 04 BARTON 05	HAND WINSTON HAND CLAY TO CLAY	2 34 04 11 13 16 7 13 50 12 14 48 8 31 10 11 32 36 11 32 36 11 32 36 12 34 43 9 30 53	85 50 86 16 86 59 87 29 85 30 86 28 86 39	732 8A 8/	MRS. LESSIE BILLER HENRY L MC QUEEN NORMAN R. PRICKETT TYA-6-2 AIMORE STATE FARM MRS. MARTHA I. MOORE. J. B. MEIGEBORS TYA-662 GROYER W. WOODWARD	3 4 3 4 5 2 3 4 5 5 6 3 4 5 3 4 5 2 3 5 6 3 4 5 5 6 3 4 5 5 6 5 6 5 6 5 6 5 6 6 6 6 6 6 6 6 6	MARTIN DAM MAXWELL FIELD MMELVIN MMERTZ 3 MILES E MIDWAY MILLERS FERRY MILLERS FERRY MILLERS FERRY MILLERS DA MITCHELL DAM MOBILE WB AIRPORT MOBILE WB CITY	5140 TALLAPOOSA 5202 MONTGOMERY 5354 CROCTAW 5382 ENB 5397 BULLOCK 5417 WILCOX 5439 MACON 5465 CRILTON 5478 MOBILE 5483 MOBILE	11 32 40 85 55 1 32 25 86 25 13 31 56 88 27 3 32 53 87 20 4 32 04 85 32 1 32 06 87 22 11 32 27 85 54 7 32 48 86 27 9 30 42 88 02	340 165 6P 600	SA ALABAMA POWER CO. 6P U.S.ARMY AER PORCES 7A JOHN R. LAMD 8A USFS 11D MATHER W. HALL 8A NORMAN D. WILLIAMS 8A T. C. CARR 63 ALABAMA POWER CO. 11D U.S. WEATHER BURSAU 11D U.S. WEATHER BURSAU 11D U.S. WEATHER BURSAU	3 4 3
BERRY BEXAR 2 MILES SE 07 BILLINGSLEY BIRMINGHAN WE SIRPORT OR BIRMINGHAM WE CITT 08	MONROE 331 FRANKLIN FAYETTE	1 31 44 12 34 28 2 33 40 13 34 12 1 32 40 2 77 34 2 33 32 12 34 39 2 34 13 6 31 35	87 36 88 09 86 43 86 45 86 50 88 05 86 10 86 16	694 5P 51	W. P. DUNN) TWA-43 MISS CLARA R. OLIVE) WM. E. WHITEHEAD , LEDONARD C. WELDON) " " WEATHER RUREAT) WRS. CARRIE B.HORTON TVA-42 MILTORD R. DOOLEY (R. E. RENDERSON	3 4 3 4 3 4 3 4 5 5 3 4 5 3 4 5 3 4 5 3 4 5 3 4 5 5 3 4 5 5 5 5	MONTE SANO MONTEVALLO MONTGOMERY WB AIRPORT MONTGOMERY WB CITY MOULTON MUSICLE SHOALS NEW BROCKTON NUMBERS NEW MARKET NEWOON	5529 MADISON 5537 SEELBY 5550 MONTCOMERY 5625 LAWRENCE 5625 LAWRENCE 5719 COLLECT 5842 COFFEE 5847 PRANKLIN 5862 MADISON 5875 DALE	12 34 45 86 31 3 33 06 86 53 1 32 18 86 28 1 32 23 86 18 12 34 29 87 17 17 44 44 87 17 5 31 23 85 56 12 34 29 87 35 12 34 26 87 35 12 34 26 87 35 12 34 26 86 26 5 31 20 85 37	198 MID 201 MID 630 40 MIC	7A TVA-530 8A M. P. JETER HID U.S. WEATHER BUREAU HID U.S. WEATHER BUREAU HID TVA-54 HID TA-54 TA TVA-644 7A TVA-644 7A TVA-640 A FURN WYNN	3 3 2 3 4 5 2 3 4 5 3 4 3 3 4 3 3 4
CALERA 12 CAMPRELL 13 CARRON HILL 13 CENTER GROVE 14 CENTER GROVE 14 CENTER SILLE 15 CRATON 15	084 ESCAMBIA 099 JACKSON 178 TIKE 178 TIKE 181 JACKSON 15 LARRE 15 CALKER 16 RALE 16 CALE 16	6 31 04 12 34 56 5 31 43 7 33 06 13 31 55 2 33 54 12 34 23 3 32 57 13 31 28 7 33 17	87 03 85 44 85 49 86 45 87 59 87 32 86 38 87 08 88 15	430 71 780 71 230 6P 71	MRS. CLARA T. PEAVY MISS M.LOUISE JONES GEO. L. HICKS ZEMMA P. HOLCOMBE OWN. E. GRIFFIN, JR. MISS MARY C. RAY U.S. DEPT. INTERIOR W. D. HOLLIFIELD CRAS. C. SMITE JALARAMA DOWER CO.	2 3 5 3 4 3 3 5 5 3 2 3 5 5 3	OMEONTA ORRYILLE OZARK PAINT ROCK PAINT ROCK PAINT RALE PERRYYILLE PETEMAN PICKENSYILLE PINE HILL JINE LEVEL	6121 BLOUNT 6161 DALLAS 6218 DALE 6226 JACKSON 6246 JEFFERSON 6362 PERRY 6370 MONROE 6414 PICKENS 6460 WILCOX 6468 MONTGOMERY	2 33 57 86 30 1 32 18 87 14 5 31 23 85 39 12 34 40 86 20 3 33 44 86 39 3 32 37 87 16 13 1 35 87 16 13 13 13 88 18 1 31 31 88 66 6 32 04 86 04	110	7A L. E. SELLERS 8A EDWARD B. WARREN 7A MRS. MARY E. SCOTT 11D TVA-69 8A ROBERT P. STORES 8A MRS. GERTRUDE GREEN 11D MRS. DORA I. CLAY 7A MRS. DORA I. CLAY 7A IMS. DORA I. CAY 7A IMS. DORA I. CAY 7A IMS. DORA I. CAY	2 3 5 2 3 5 3 4 3 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
CLASTON 18 CLASTON 17 CLASTON 17 COLETE SPRINGS 18 COLLINGULLE 14 COLLINGULLE 18 CORDOVA 19 CUTA 20 DADEVILLE 21	NOS MODILE NOS CHILITON FISHER LARBOUR NOT CENEVA HAS DE NALE NOS EL TON HAS MATER 1/9 MALEAPONNA 1/4 TALLAPONNA 1/4 TALLAPONNA	9 31 05 7 32 51 5 31 53 5 31 10 7 34 15 5 31 18 2 33 46 13 32 26 11 32 50 11 42 50	86 38 85 27	590 7A 7/	B. O. JONES HUGH M. SIMPSON EDWARD E. POPE AMS.J. VIRGIL BYNUM MRS. S. CUNNINGHAM COY TBOMPSON AMS. C. GRESHAM REUDEN P. HARRIS (M. B. FILLION JAY D. LANE	23552353334	PLANTERSVILLE PLEASANT GROVE SCHOOL PLEASANT HILL PRATTVILLE PRATTVILLE PRINTOSE FARM PUSEBLATABA RED BAY REFORM RIVER FALLS RIVER FALLS 2 MI WE	6508 DALLAS 6521 JACKSON 6526 DALLAS 6640 AUTAUGA 6644 MONTCOMERY 6719 CEDCTAW 6805 PRANKLIN 6847 PICKENS 6937 COVINCTON 6942 COVINCTON	1 32 39 86 56 12 34 57 85 55 1 32 10 86 55 1 32 28 86 28 1 32 20 86 15 13 32 12 88 21 12 34 27 88 09 13 33 23 86 01 6 31 21 86 32 6 31 23 86 33	281 6P 180 7A 627	7A O. H. BARMES 7A TVA-695 7A TVA-695 7A TVA-695 8P CONTINENTAL GIN CO. CONW. E. ELSHERRY 7A MOIS. JANIE C. BROWN 7A TVA-693 7A TVA-693 7A WILLIAM T. AMDROSE 7A JOHN R. DRABET 1D MLABAMA ELECTRIC CO	
DAVILLE 23 DAVI N 21 DECATLE 22 DECATLE NO 4 DECATLE NO 4 DECATLE NO 4 DECATE NUTSTATION 22 DENOMILL 20 DENOMILL 23 DETAIL CAA AIRPORT 23	141 PICKENS 149 MORGAN 149 MARS NGG 171 MORGAN 110 MORGAN 121 MORGAN 140 MAPENGO 177 - 17 FFF 142 TENC SURONA	13 13 4 12 14 25 13 1, 21 12 14 37 12 14 37 12 34 36 13 32 31 5 31 5 16 31 25 13 33 45	88 17 87 ··4 87 ··9 86 58 86 50 86 58 87 51 86 58 87 51 86 27 86 04 87 48	20.7 7, 59.5 7, 59.5 8P 8, 600 6, 58.8 8, 140 7, 4.72 M1D M1, 204 9	F. SMITH TYALDOS TAMES M. CREWS MRS. FREDA TRIMBLE TYA-63B TYA-411 J. A. ROBERTSON CAA DOZIER B. ROBERTS	3 5 5 2 3 5 5 3 3 4 5 3 3	ROBERTSDALE 7 MILES E ROCK MILLS SAINT BERNARD SAND MTN. STATE PARM AP SAYRE SCOTTSBORG SCOTTSBORG SUBSTATION SEALE 7 MILES WWW SELIA SEEPFELD TVA WRSY	6988 BALDWIN 7025 RANDOLPE 7157 CULLMAN 7207 DE KALB 7202 JEFFERSON 7304 JACKSON 7310 JACKSON 7328 RUSSELL 7366 DALLAS 7415 COLBERT	9 30 33 87 36 4 33 09 85 18 2 34 12 86 47 12 34 17 85 58 2 33 43 86 58 12 34 41 86 01 4 32 18 85 17 1 32 25 87 00 12 34 46 87 42	660 6P 660 358	6P CARL BOSECK 7A JAMES B. BAILEY 7A JR. FREDERICK SMITH 6P ALA. POLY. INSTITUTE 7A DORA R. WESTEE 6P MRS. KINZIE BOBO 7A JOHN O. BUSE 7A JOHN O. RHODES 7A JOHN O. RHODES	2 3 5 1 2 3 5 1 2 3 5 3 5 3 5 3 5 3 5 3 5 3 5 3 5 3 5 3
ETHAN 1 KK NO 7 27 EVERGREEN 2 22 FAIRNIE 2M FAIRNIE 2M FAIL CITY 6 MILES MW 2M FARLD 2 2M FARLD 2 2M FARLD 2 2M	12 I LARDEUR 14 I GEFENE 15 ONECTH 14 IN INTEL 14 IN URGAN 14 IN UNITON 16 I MALEUR 16 I AACESON 17 LACESON 17	4 31 53 2 72 47 6 11 26 9 30 72 1,1 34 22 2 34 04 12 34 6 13 33 41 12 34 46 12 14 47	85 08 87 50 86 58 87 55 86 55 87 20 86 14 87 50	254 6P 8 340 8A 8 23 M1D 50 650 7 158 84 8	HARRY E MAIGANS F 6. HOLBROW K HARROLD F. CATES TVA 384 LIVA 57 LOIS V. KILLINGSWORTH TVA-187 1 SPGINEERS	3	SHOEMAKER SPRINGS SLOCOME SNOW HILL SOUTH HILL SPRING HILL SWAIM SYLACAUGA SYLVANIA TALLA DEGA TALLA DEGA HORN WIN.TWR	7460 LIMESTONE 7576 GENEVA 7620 WILCOX 7671 DE KALB 7733 MOBILE 7968 JACKSON 7994 TALLADEGA 8012 DE KALB 8024 TALLADEGA 8024 TALLADEGA 8032 TALLADEGA	12 34 51 87 12 5 31 06 85 35 1 32 00 87 01 12 34 24 86 02 9 30 42 86 10 12 34 53 86 13 12 34 34 85 49 7 33 26 36 60 60 60 7 33 18 86 04 04 12 18 18 18 04 18 18 18 18 18 18 18 1	225 990 175 9A 665	7A TVA-682 6A PATRICK H. SMITE 7A IMMS. EVA R. RAY 7A ITVA-75 9A HAMLIN B. TIPPINS 7A TVA-385 8A ALABAMA POWER CO. 7A TVA-366 69 C. D. WEAVER 8A USFS	3 3 3 3 3 3 3 3 3 3 3 3 3 5 3 5 3
##1500 (17) 11 GAR-UPN 11 GAR-UPN 11 GAR-UPN 11 GAR-UPN 11 GAR-UPN 11 GAR-UPN 12 GOODMATTH 33	124 LUNNDES DAS GALLWIN 1443 DI KALU LIS MINDEDE 15. HT MAN GENERAL 190 CENAL 1909 CENAL 150 WALVER	6 11 59 9 30 14 7 34 26 8 31 26 7 34 01 13 32 49 2 34 00 5 31 02 7 33 04 2 33 39	87 24 86 00 88 09 86 44 85 52 86 03	99 91 91 84 87 84 87 77 74 77 826 74 77 826 74 77	MR'S ISABEL C.HUGHES FUM. E. CHAMBLER I JOHN W. PATE AMES. NELIA MCKENZIE G. ERNEST HOLCOMB FRANK J. FIELDS IRES, G. MC KENZIE RESECCA CAMPBELL C. PURVIS CONAWAY ALABAMA POWER CO.	3 4 5 2 3 4 5 2 3 5 2 3 5 3 4 2 3 5 2 3 5 3 5 3 5 3 5 3 5 3 5 3 5 3 5 3 5 3 5	THOMASVILLE ST THORSBY 1 MILE ST THURLOW DAM TIBBIE 2 MILES S TONEY TRAFFORD TROT TUSCALOOSA AIRPORT TUSCALOOSA LOCK & DAM TUSKEEEE	8178 CLARKE 8204 CHILTON 8215 ELMORE 8223 WASHINGTON 8259 MADISON 6285 JEFFERSON 8323 PIES 8380 TUSCALOOSA 6385 TUSCALOOSA 6398 MACON	13 31 55 87 45 1 32 54 86 44 11 32 32 85 54 13 31 20 88 15 12 34 54 86 44 2 33 49 85 58 2 33 14 87 37 2 33 13 87 35 11 32 24 85 42	288 226 750 h	SA MERS. MINNIE DEATON ILD SCS 6A HALBAMA POWER CO. 8A HATTIE T. GIVENS ILD TVA-506 7A MES. M. JOSUSON 6A TROMAS J. DILLARD ILD CAA 7A U. S. ENGINEERS 6A PROF. M. L. LANKER	2 3 5 3 4 3 3 3 4 2 3 4 5 2 3 4 5 2 3 4 5 2 3 5
GREENVILLE 15 GREENVILLE NO 2 GREENVILLE NO 2 GREENVILLE CITY STR GUNTERSVILLE DAM BANULTO	SIT HALF SIG CATTON SIZE TATTON SIGNATURE SIT MARITAL SIT MARITAL ALL MARITAL SIT MARITAL	2 32 42 6 31 50 6 31 50 9 30 16 12 34 22 12 34 26 2 34 14 13 34 08 3 32 48 1 32 11	87 36 86 38 86 38 87 40 86 17 86 24 87 50	10 MOO 610 MII 811 7, 947 6P 7, 498 6,	IN, RAMNER COBBS CECLLE T. LEWIS WILLIAM T. COKER GULF STATE PARK JUA-403 TVA-403 TVA-70 ELMER L. SHIPMAN REX COOPER USFS MAXINE E. WATSON	2 3 6 2 3 5 3 4 3 4 3 3 4 2 3 4 5 3 3 3 3	UNION SPRINGS UNIONTOWN UNIVERSITY VALLEY HEAD VANCE VERNON WALLEY WALLEY WALLEY WALLOU WATERLOO	8438 BULLOCK 8446 PERRY 8454 TUSCALOOSA 8469 DE KALB 8477 TUSCALOOSA 8517 LAMAE 8605 RANDOLPH 8637 ESCAMBIA 8648 ETOWAL 8686 KALDERDALB	6 32 08 85 44 1 32 27 87 31 2 33 12 87 33 7 34 34 85 36 3 35 10 87 13 13 33 45 88 07 11 33 08 85 34 6 31 13 87 13 2 34 04 86 18 12 34 55 88 04	273 225 NID 1 1031 8P	8A MRS. DOROTHY SMITE 8A MRS. FRANCES MARTIN IID DR. P. E. MITCHELL 8A MRS. CARRIE DALBY 7A WM. F. VANCE IID G. C. MOORE, JR. 6A ALABAMA POWER CO. 7A HOWARD PETTIS 7A MRS. FLORENCE PARKER 6 J. SLILE TIBLES	2 3 5 3 2 3 4 5 2 3 5 3 3 4 3 3 4 3 3 3 3 3 3 3 3 3 3 3 3
BELENA BIGHT ONE HOMD 78 BIGHT OF RESERVED 18 BIGHT OF RESERVED 18 BIGHT OF RESERVED 18 BIGHT OF RESERVED 19 BIGHT	THE SHEEPS THE CHEEN THAN TH	3 [33 18] 6 [31 57]	86 51 86 19 95 24 87 56	616 SP S1 611 61 610 M1D M11 500 7/ 478 8/ M2	RUDOLPH ENGLAND LUKE JORDAN THOMAS J. HART FRANK I HAYNES	3 5 3 3 3 4 5 3 3 4 5 3 4 3	WEST RLOCTON WESTIMPEA WHATLEY WHEKLEN DAM WILSON DAM WILSON DAM WILSON DAM WINFIRLD 2 MILES SW YATES HYDRO PLANT YOUNGS STORE NEW STATIONS	8809 BIBB 8859 ELMORE 8867 CLARKE 8875 LLAWRENCE 8980 COLDERT 8980 PAYETTE 998 PAYETTE 9101 ELMORE 8350 LAUDERDALE	3 33 07 87 07 7 32 32 86 12 13 31 39 87 43 12 34 47 87 21 12 34 48 87 37 13 33 56 87 49 11 32 34 65 54 12 34 57 87 54	205 6A	8A RUPERT M. BEARDEN 6A MRS. D. R. WHITAKER 7A LEDVALD L. COLEMAN 7A TVA-52 6A TVA-671 7A N. W. COTNEY 6A ALARAMA POWER CO. 7A TVA-621	3 5 3 5 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
LA FAYETTE 45 LAY DAW 46 LETES 46 LETESURG 46 LETESURG 47 LETESURG 47		11 32 54 7 32 58 3 33 33 7 34 11 7 33 37 13 32 35	85 24 86 31 86 33 85 46 86 07 88 11	420 67 636 84 589 77 510 7P 77 160 5P 51	CLARENCE H. FINCHER ALABAMA POWER CO. MRS. MARY K. LEE RUFUS M. SEWELL CITT OF LINCOLN PROF.E.J. MURPHEY	2 3 5 3 4 3 5 2 3 5 2 3 5 5 2 3 5 5	SUTTLE FALCO 5 ME	7963 PERRY 2832 COVINGTON	3 32 32 87 11 9 31 06 86 33		7A J. F. SUTTLE, JR. 8A U.S. POREST SERVICE	3

LIVINGATON 4794 WHETER 13 32 38 88 11 160 39 50 PROF.E.J. MULPHEN 2 3 5 CHOCKARLAN 429 DAVINGATON 9 31 016 62 290 8 8 8 H. VININGATON 2 3 5 5 CHOCKARLAN 429 DAVINGATON 9 31 016 62 290 8 8 8 H. C.VININGATON 2 3 5 5 CHOCKARLAN 4 CHARTAHOOCHEE; S-CHOCKARLANCHEE; G-CONECCH; 7-COOSA; 8-ESCAMBIA; 9-GULP; 10-PEA; 11-TALLAPOSA; 12-TENNESSEE; 13-TOMBIGHEE

REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a State. Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperatures in "F, precipitation and evaporation in inches, and wind sevement in miles. Evaporation is measured in the standard Veather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.

Amounts in Table 4 are from recording gages. Traces are not shown

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Date in Tables 3, 5 and 6 are for the 26 hours ending at time of observation. See the Station Index for observation time

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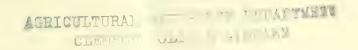
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U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief



CLIMATOLOGICAL DATA

ALABAMA

DECEMBER 1949

Volume LV No. 12



ALABAMA - DECEMBER, 1949

A. R. Long, Section Director - Montgomery

Weather Summary

Although the temperature mean was 2.3° higher than normal and rainfall averaged 1.27 inches less than normal, the month was a type of December which frequently occurs. Precipitation was quite evenly distributed. There was widespread dense fog on the morning of the 19th, and scattered areas of fog, locally dense, occurred on several other dates. Considerable cloudiness prevailed most of the time.

The first 10 days had near normal temperatures. Light rain fell on the 24th and there were light to moderate general showers on the 7th. Temperatures of 32° or lower were recorded over all but the extreme south on the 3d and extended nearly to the coast on the 6th. A rainy period ran from the 10th to the 15th, in which temperatures were mild from the 11th to the 13th and falling thereafter until the morning of the 16th when freezing temperatures were State wide. After the 17th, temperatures were relatively mild except from the 23d to the 25th. A freeze extended to the coast again on the 24th. Rainfall after the 15th was no heavy. Light to moderate rain was reported on the 18th and around the 22d, and light scattered showers on the 26th.

The drought which had built up during November was not completely relieved until around the 12th. Thereafter winter grains and legumes, which had been slow coming up and growing, made good progress, but these crops were several weeks behind as the month ended. Unusually limited grazing necessitated heavier feeding of cattle than usual for the time of year. Preparations were being made late in the month for planting Irish potatoes in the coastal counties.

The fog on the 19th caused an unusual incidence of automobile accidents, and in addition to numberous injuries, 4 people were killed. A woman was killed near Thorsby, in Chilton County, and another near Vincent, in Shelby County. A man was killed at Tarrant, a suburb of Birmingham, and another near Winfield, in Marion County.

The epidemic of forest fires which raged during November came practically to an end on the 4th and 5th of December.

There were no floods, and no violent local windstorms were reported.

FCP

ACKNOWLEDGMENTS

In addition to the climatological data from some 6.000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydroclig Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimati Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, an individuals as listed in the Station Index.

SUPPLEMENTAL DATA

ALABAMA DECEMBER 1949

	Wind	direction		Wind m.	speed p. h.		Relati		idity ave	rages -		Numl	per of da	ys with	precip	itation			nset	
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30 a CST	6:30 a	12:30 p	6:30 p	Trace	6010.	.1049	5099	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to su	Degree days
ANNISTON WB AIRPORT	ENE	19	8.7	-	-	-	83	85	62	76	3	8	5	1	0	0	17	_	6.5	575
BIRMINGHAM WB AIRPORT	N	13	9.3	38	SE	25	79	82	60	71	2	5	9	1	0	0	17	40	6.5	548
MOBILE WB CITY	NNE†	14	11.1	38	NW	22	80†	85†	65†	76†	2	4	3	1	1	1	13	41	6.4	258
MONTGOMERY WB CITY	ENE †	18†	7.5	22	s	22	79†	84†	61†	68†	5	3	4	1	1	0	14	43	6.5	418
† AIRPORT DATA							ļ		1	I										

COMPARATIVE DATA

Table 1										21111							
		Cemperature	•	Precipi	itation		Т	emperature	Ð	Ртесір	itation			l'emperature		Precip	itation
Year	Average	Highes*	Lowest	Аметады	No. of days .01 or more	Үөаг	Ачегаде	Highest	Lowest	Average	No. of days	Year	Average	Highest	Lowest	Average	No. of days
1884 1835 1886 1387 1888	47.9 44.2 43.8 45.7 46.1	80 74 76 73 71	6 12 0 10	5.09 3.36 3.07 8.65 2.84	10 6 7 12 6	1909 1910 1911 1912 1913	41.3 42.9 50.5 17.7 47.9	82 75 82 82 82	6 10 14 14 15	5.27 3.51 7.65 6.52 3.35	9 7 11 12 8	1934 1935 1936 1937 1938	46.7 41.2 50.3 47.0 47.8	80 78 80 76 79	10 7 18 4	3.41 4.24 7.09 2.72 2.64	9 6 11 8 8
1389 1890 1891 1892 1893	58,5 49.8 19.7 47.2 49.9	82 80 86 78 86	20 17 12 8 14	1.04 2.33 4.91 4.55 3.26	3 5 8 9 6	1914 1915 1916 1917 1918	43.5 46.8 47.7 40.4 50.6	80 79 81 79 82	0 14 12 4 16	5.08 6.21 4.42 1.75 5.92	10 9 10 6 7	1939 1940 1941 1942 1943	49.7 52.0 50.4 49.5 47.3	85 80 81 82 83	15 18 19 15	3.29 6.30 7.32 8.12 3.50	7 12 8 11 8
1894 1895 1896 1897 1898	48 9 46.0 46.6 48.2 44.5	81 86 83 82 78	0 8 12 19 8	4.67 3.79 1.67 5.76 3.57	9 6 4 10 6	1919 1920 1921 1922 1923	47.6 45.4 51.5 54.5 54.7	81 76 82 84 83	12 15 21 20 22	7.30 7.81 3.43 7.41 5.40	7 10 7 12 11	1944 1945 1946 1947 1948	46.5 42.1 52.1 49.1 51,2	78 77 84 80 82	12 6 20 17 12	3.76 6.50 2.74 4.77 4.53	9 12 6 9
1899 1900 1901 1902 1903	45.3 47.2 42.1 45.7 41.2	79 76 78 78 71	12 20 0 8 11	5.79 4.82 7.81 5.79 3.04	9 8 10 8 6	1924 1925 1926 1927 1928	48.6 45.2 52.0 47.1 46.7	87 81 87 82 78	11 3 15 10 15	7.11 3.61 5.92 8.20 2.16	10 7 10 10 5	1949 Period	49.9 47.6	82	15	4.01	
1904 1905 1906 1907 1908	47.1 44.1 50.7 46.6 51.0	83 75 83 77 84	15 14 10 12 18	4.33 6.57 4.11 6.27 4.77	8 10 8 10 8	1929 1930 1931 1932 1903	45.6 43.8 55.8 50.6 56.6	81 75 83 80 85	18 25 12 15	3.72 2.84 8.93 8.86 3.22	7 8 14 15 7			1			

CLIMATOLOGICAL DATA

Table 2	1			Tempera	iture								Precipitat	ion				
		-				1	No. o	f days		74			Sno	w, Sleet, Ha	il	No	o. of day	ya
Station	Average	Departure from normal	Highest	Date	Lowest	Date	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground	Date .	.0I or more	.25 or more	1.00 or more
NOUTHERN DIVISION		1					-							1				
ALBERTVILLE 1 S ANNISTON WE AIRPORT EIRMINGHAM WE APT EIRMINGHAM WE CITY CORDOVA	44.2M 46.6 47.4 50.4 48.5	- 0.1 1.4 3.3 4.0 3.5	66 72 70 71 71	13 12 20 20 12	20 21 20 22 17	16 16 16 16 16	0 0 0 0	17 15 11 6 13	2.46 3.44 3.82 4.17	- 2.60 - 1.70 - 1.32 - 1.40	.59 .83 .95	22 22 7 18	T T			14 15 12 8	5 4 6 7	0 0 0
DECATUR FAYETTE GASDEN GOODWATER HALEYVILLE	46.9 45.6 43.6 46.7 47.5	1:4 - 0.9 0.4	71 74 70 73 72	12 13 13 13 12	22 18 16 24 19	16 16 16 5+ 16	0 0 0 0	9 15 18 14 10	5.01 4.88 3.61 3.32 5.23	03 09 - 1.89 - 2.07	1.07 1.31 .60 .72 1.75	13 18 23 15 13	T			16 10 17 12 11	8 7 7 5 6	1 1 0 0
HUNTSVILLE LINCOLN MADISON MUSCLE SHOALS ON BONTA	45.0 48.0 46.5 45.8 44.2	3.1 2.8 0.9	68 72 70 69 67	20 12 12 12+ 21	18 20 18 18 18	16 16 16 16 16	0 0 0 0	14 13 12 15 17	4.75 - 4.82 3.65 3.38	66 54 - 1.49 - 2.24	1.18 1.22 .55 .84	13 10 23	Bacara San San San San San San San San San Sa			9 11 9	6 8 5	1 2 0 0
ROCK MILLS SAINT BERNARD SAND MTN STA FRM AP SCOTTSBORO TALLADEGA	47.5 43.9M 45.6 46.6 48.4	- 0.1 - 3.1 2.1	73 68 65 69 72	12+ 21 12 30 12+	20 20 19 22 20	6 16+ 16 16+ 16	0 0 0	14 19 10 11 8	2.71 4.67 4.03 4.79 3.32	- 2.64 86 68 - 1.98	.90 .90 1.10 1.02 1.00	14 13 10 22 7	Address America Constantino			11 14 12 10 12	6 6 6 5	0 0 1 1 1 1
TUSCALOOSA AIRPORT UNIVERSITY VALLEY HRAD	48.7 47.8 44.0	2.3 1.4 1.5	75 73 70	12 11 13	22 22 15	16+ 24 16	0	13 8 18	4.00 3.28	- 1.79 - 2.51	.80 .65	22 22	T			13 13	8 7	0
DIVISION	46.5]		1	1		3.97	1								
MIDDLE DIVISION ALEXANDER CTY 6 NE AUBURN CENTREVILLE CLANTON DATTON	48.4 48.4M 51.4M 46.8 52.6M	- 0.7 3.7 0.4	73 75 79 71 75	12 13 12 13 11+	20 25 22 23 22	6 24 24 24+ 16	0 0 0 0	10 9 14 3	3.35 4.24 4.43 4.84 5.03	- 1.36 - 1.12 62	.78 1.41 1.50 .90 1.31	13 15 7 14 13				14 12 11 14 12	5 4 4 7 8	0 2 1 0
EUFAULA GREENSBORO GREENVILLE HIGHLAND HOME LA FAYETTE	54.3 51.7 53.8 53.0 48.8	5.2 3.3 4.6 2.4	78 74 78 77 75	12+ 12 12 12 12	25 25 28 26 22	6 16+ 16+ 24 24	0 0 0 0	6 5 4 3 8	4.14 4.39 3.91 3.30 3.68	88 - 1.22 - 1.28 - 1.95	1.70 1.34 1.16 1.00	15 13 14 14	T			6 11 9 10	4 7 5 3	2 1 2 1
LIVINGSTON MAXWELL FIELD MONTGOMERY WB APT MONTGOMERY WB CITY PRATTVILLE	50.5 51.3 50.6 51.8 50.2M	4.2 - 2.4 1.8	78 78 78 77 77	12 12 12 12 12	21 28 23 29 25	16+ 24 24 24 24	0 0 0	10 5 8 3 6	4.18 3.73 2.83 3.41 3.08	- 1.23 - 1.43 - 2.14	.76 1.40 1.17 1.24 .65	22 14 14 14 15	T			14 9 11 9	6 4 4 4 6	0 1 1 1 0
FUSEMATARA SELMA THOMASVILLE TEOT TUSKEGEE	50.0M 52.9 53.4 52.2 50.1M	1.0 3.7 4.0 0.6 0.6	78 77 77 77	12 11+ 13 13	22 26 24 27 25	16 24 16 24 24	0 0 0 0	11 7 3 4 6	5.42 3.28 5.05 4.75 4.01	55 - 2.00 .05 10 - 1.12	.97 1.13 1.90 1.85 1.57	7 15 7 14 15				11 14 10 8 13	5 5 5 6	0 1 2 2 1
UNION SPRINGS WETUMPKA	52.0M 51.2	3.1	76 76	12 12	27 25	24 24	0	5	4.41 3.25	56 - 2.18	1.15 1.20	14 15				10 10	5 5	2
DIVISION	51.2	1	I						4.03									
SOUTHERN DIVISION ANDALUSIA ATMORE STATE FARM BAY MINETTE BERKETON 3 SSE CHATOM	54.9 55.9 56.6 54.1 52.9	3.1 2.5	78 78 78 82 78	13 11+ 11+ 12 12	27 28 26 22 22	24 24 24 24 24 16+	0 0 0	4 4 3 10 10	4.10 4.85 3.58 3,26 3.62	- 1.69 - 1.64	1.74 2.32 1.71 1.80 .77	15 14 14 15 13				9 8 10 6 12	4 5 4 2 4	2 2 1 1 0
CITRONELLE DOTEAN CAA AIRPORT EVERGREEN FAIRHOPE FORT MORGAN	55.7 54.8 53.7M 55.0 58.7	2.4	76 78 79 70 75	11 12 13 12 13	27 29 26 23 35	16 24 25 24 16	0 0 0 0	6 0	5.07 2.85 3.79 4.37 2.82	57 - 2.00 - 1.21 62	1.59 .99 1.50 1.46 1.83	14 7 15 14 14				9 7 6 12 9	5 3 5 2	2 2 2 1
FRISCO CITY GENEVA LOCKHART MOBILE WB AIRPORT MOBILE WB CITY	53.9 54.0. 55.0 56.0 57.1	4.9	79 79 78 76 76	12+ 12 13 27 27	27 27 28 27 30	24 6 24 16+ 23+	0 0 0	6 7 5 3	4.00 3.80 3.11 6.02 4.82	- 1.40 92 	1.51 1.48 1.43 2.02 2.32	14 15 15 14 14				12 8 7 12	3 5 4 4	2 1 1 3 2
OZARK ROBERTSDAJE 7 E SPRING HILL	55.6 57.0 55.3M	3.8	78 78 75	22 12 8+	28 26	24 24	0 0	3 4	3.72 3.54 5.17	- 1.13 - 1.74 17	1.46 1.14 2.05	14 14 14				6 12 9	4 3 6	1 2 2 2
DIVISION	55.3	2.3	^		1				4.03	- 1.27								
				-	+													
						DEL	AYED D	ATA						,				
OCTOBER 1949																		
HUNTSVILLE	66.1		86	. 8	38	31			4.07	.75	1.76	30				12	3	1

See reference notes following Station Index.

lable 3															Day	of m	onth															F
Station	1	2	3	4	5	6	7	8 .	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
ABBEVILLE R ADDISON B ADDISON CNTRL TOWER ALBERTA ALBERTA				.07	.26		.58 .34 .29 .28	.10		*	1.06	.65	.09 .16 .82 1.25 .59	.15	1.02		.20		.03			.04 1.14 .82 .20	1.06			. 05	. 07 e	.16				2.71 -4 79 4 74 3 54
ALEXANDER CTY 6 HE ANDALUSIA ANNISTON WE AIRPORT ARLEY				.06	. 24	. 09	.58 .52 .33 .25	. 26	. 02	.73 .12 .39 .75	. 04 . 01 . 65	.22 .11 .06 .03 .12	.78	.37 1.10 .28	.55 1.74 .06	. 04	т	.15	.03 .15 .01 .35		Ŧ	.32	.21		.03 T	. 08 . 04 . 06	.02 T					3.35 4.10 2.46 5.61
ASHLAND //R ASHVILLE ATHENS ATMORE STATE PARM Z AUBURN R				.04	. 17	. 02	.45 .57 .36 .12	.13	. 02	.19 .47 .35 T	.10	. 08 . 26 . 02 . 24	.94 .37 1.39 .36		.21 .16 1.02 1.41			.32 .88 .96 T	. 07	. 03		.60 .55 .28	.37 .38 .22 .30			. 07	.05					3.88 3.80 4.64 4.85 4.24
AUBURN SCS 10 AUTAUGAVILLE BARTON BAY MINETTE BEATRINE				.06	T .15		1.15 .21 .12 .03 1.03	. 43	. 01	.11	1.15	.85	.68	1.58 .63 .13 1.71 1.06	.31 1.16 .56 .19			.23 1.68 ·.07				.14 J.52 .32	.46 .12 .12 1.25		.02	.14	T	, 06				4.07 2.88 6.49 3.38 4.83
BELGREEN E BELAR 2 SE E BILLINGSLEY BIRMINGHAM WE APT Z BIRMINGHAM WE GITY	T			.11	. 22	.16	.03 .62 .48 .95		. 04 T	.40 1.07 .48 .48	. 02 T . 08 . 03	.29 .22 .17 .23 .06	. 22 . 26 . 48 . 23 . 42	.01 .85 .20 T	1.03 .02 .28		.63	.27 .26 .11 .37			.53 T	.07 .56 .06 .83	.66			.01	.03					2.82 3.06 4.20 3.44 3.62
BISHOP BOAZ BRANTLY BREWTON 3 SSE BRIDGEPORT 2 W		. 08		.15	.06	. 35	.45	1.03	.86	.10	.70 .75	.28 .28	.52	.05 .02 1.42 .95	1.44			.60 .54	. 08	. 02		.13	.85			. 03	.02	.10			T	3.93 4.15 3.26 4.78
BRUNDINGE CALERA CAMPRELL CARRON HILL CENTER GROVE				.17 .18 .20 .42	.10		.53 .96 .58 .53	.03	. 04	.09 .20 .53 .32	.40 .15		.54 1.03 .78 1.08	1.71 .21 .89 .20 .62	1.56 .49 .U5	T		7 .19 .43 1.10 .39	.66	. 20		.06 .56 .52 .63	.37 .62 .50 .51	T		.03	.10	.03				4.81 3.20 5.17 5.38 6.08
CENTREVILLE CHATOM CHILDERSPURG CITRONELLE CLASTON				.16	.17		1.50 .24 .35 .13 .88	.03		.06 .20 .15	. 05	.20 .18 .12 .58 .25	.39	.22 .76 .17 1.59	.60 .55 .43 .49		. 03	.18 .12 .27 .16 .17	.03	.02		.53 .04 .71 .06	.81 .05 .49 .04 .78		т	T	. 05	.02				4.43 3.62 2.47 5.07 4.84
CLAYTON COPFEE SPRINGS COLLINSVILLE COLUMBIA CORDOVA					.29		1.70	.50		T .51	.51	. 28	.31		1.10	.11		.40	.91			T .18	.83 .14 .48			. 08	.05 T					5.27 3.60 3.89 2.69 4.17
CUBA DADEVILLE DADEVILLE NO 2 DANCY DANCY		1	ŀ	.10	.16		. 23	.10	-	.34	.47 T - .78 .49		1 .761	.02 .95 .70 - T	-	-	. 29	.83 .06 - .72 .86	.04			.15 .50 .66 .27	.54			.01	. 17	. 26				4.14
DAYTON DECATUR NO 4 DECATUR NO 4 DECATUR SUBSTATION DEMOPOLIS				.12	.10 .25 .12 .15		.33		T	.11 .64 .25 .29	.25 .54 .31 .20	,01	1.31 1.07 1.02 .84 1.40	.46 .21 .21 .16 .24	.51			.71 .89 .56 .70	.32 .56 .32 .32	. 02	. 03	.57 .36 .31 .34 .15	.04 .84 .80 .65			. 02	.01	.03				5.03 5.01 4.97 4.18 4.69
DOTEAN CAA AIRPORT Z ELBA ELBOD EUFAULA EUTAW LOCK NO 7 Z		1		1	.30 .05 .21		.99 .54 T	.40		.40 T	T		.76	1.50	.79 1.45 .30 1.70 .60	T		.13	.10	. 01		.08	.01 .35 .51 .27 .44		T	T .02	, 05	. 02				2.85 4.45 4.00 4.14 3.72
BY ERGRESN CAA APT FAIRMOPS FALCO 5 NE FALKYILLE				.04	, 05		.39	.78		.08 T .06	. 09	.15	1.33 .05 .85 1.29	1.42 1.46 1.46 .15	1,50 .26 1.05 .20			.04 .30 .14 .49	.38			.45 .38 .65	. 03		. 05	.02		.71				3.79 3.98 4.37 4.22 4.67
FARLEY FAYETTE FLAT ROCE FLORENCE AT LOCK FORT DEPOSIT		T		.18 .32 .06	.13	. 08	.30 .67 .30 .42 .11	.40	.18	.30 .67 .52 .14	.62 .42 .61 .03	.04 .10 .32	.79 .53 .80 .67		1.03		, 08	1.31 .32 1.02	.50 .04 T			.83 .88 .35	.39			. 02 T	.03 .03 .16 T	, 98				4.40 4.88 3.22 4.20 3.17
PORT MORGAN //Z PORT PAYNE PRISCO :ITY GABSE :N GAINESVILLE	,			.06	.08 .10 .05 .25		.30 .12 .35 .47	.13	т	.06 .26 .11 .37	.39 .02 .44 .64	.05 .11 .21 .29	.26 .94 .27 .56	1.83 .06 1.51 .13 .05	.05 1.16 .11 .57	т		.46 .34 T .58	.05 .03 .18 .02	. 03	. 01	.18	.05 .80 .39 .60			.04	.11	.04				2.32 2.75 4.00 3.61 4.22
GARDEN CITY GENEVA GOODWATER CORNAS GREENSBORO				. 21	.15		.52 .44 .42 .37	.83 T .02		.97 T .36	. 06	.15	.16 .85 1.34	.65 .04 .38	.37	. 05		.60 .10 .26 .12 .36	.72		T	.06	.65 .13 .60 .71		.02	. 04	.12	. 02				4.12 3.80 3.32 3.72 4.39
GREENVILLE GREENVILLE NO 2 GULF ### GUNTERSVILLE REC GUNTERSVILLE NAM		! -	1 -	.10	.14	.01	.12	.32		.82	.58	.20	.61	1.03 .06 .07	1.11		.30	.44	.18			.46 .15 .96 .04	.80			т	. 03	. 02				3.01 2.08 3.11 3.48
BALLYVILLE HAMILTOW HAMPISBURG 6 SE HATKEVILLE HELENA		т		.16	.08 T .38 .12 .09		.31	.85 1.06	. 08	.40	.42	T .10	.34	.15 .13 .55 .70 .25	.97	T		.80 .95 .15	.02 .05 T			.70	.40 .15 .75 .74 .70			.02	T T	.08 .07				5.23 3.49 2.65 3.05 3.30
BIGHTOWER RODERS BUNDSVILLE SURSTA HUNDSVILLE				. 22 • T . 16	.14	. 27		. 05	T	.32	.77 .68 .22		.20 .64 1.19 .47	1.00 .28 T .13 .05	. 67	, 05	т	.20 .31 1.14 .48 .81	. 45			1.18	. 65 1.00		T	.10 T	.21 .05 .10					3.35 4.16 4.59 4.75
HYTOP JACKNON SHOALS JACKNON TILLE JORGAN DAM LA PAYETTE		1	1	.06	. 16	. 07	.36 .52 .53 .35 1.20	T .32	.01	.31	01	.16	.47	.30	.02 .61 1.24			.52	.10			.06 .08 .89	.51 .44		. 20	.10	.07					3.16 3.40 2.77 3.68
LAY DAM VEXED LEA TEG LIVINGTON LOCKHART	• 1			.16	. 24		.86 .67 .45 .54	.02	. 08	.35	.49	1 ,17	.31	.99 .16 .14 .05 .24	.15			.16 .39 .16 .32 .71	.71 .30 .03			.76	.58			.02	.06	.09 .03				4.04 3.47 4.04
LOCK NO 2 LOCK NO 2 LOCK NO 2 LOCK NO 17	5	1		.03	.35 .08 .15 .15 .23		.35 1.19 .50 1.25	.11			.27	.14	.67 .53	.54	.88			.39 .51 .64	.08			.35 .02 .05 .16	.37 .83 .72 .45			.01	.01	.24 .57 .02				1 12
MAG 1.3 MAG 1.3 MAG 1.3 EAR S 2.3 EAR S T S				.20	.12		.32 1.18 .70 .67 .32	. 04		.04	.10	.31	.67	.12 .96 1.63 .25	. 28 . 07 . 86 . 93			.43	.17			.03	.55			.03	- 043	,04				1 32 1 4 1 5 5 1 5 1

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Station	1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Day 15	of m	onth 17	18	19	20	21	22	23	24	25	25	27	28	29	30	31	To+ 1
MARTIN DAM MAXWELL FIELD MELVIN MERTZ 3 E MIDWAY	R				.18	.31		.45 .34 1.28 1.35	. 49	. 02	. 08 T . 04 . 05	. 02 T . 41	. 01 T	.83 91 .60	.30 1.40 .18 .16	+		Т	T . 04 . 88 . 35 . 40	.03	, 04	Т	T . 20	.31 .62 .53			.10	. 03 T	.30				3.07 3.73 5.21 4.07 4.56
MILLEPS FERRY MILSTRAD MITCHELL DAM MOBILE WB AIRPORT	2				T	.18		.65 .42 .95 .01	.10	т	.05	T .03	.12	1.32	.46 .52 1.17 2.02	.92 1.48 .96	Т	.06 T	T .11 .13 .12	.17	T	T T	.42 .01 1.06 .43	.58 .44 .57		. 08	T . 02	.47 .10 .19	.03				4.88 3.88 4.87 6.02 4.82
MONTE SANO MONTEVALLO MONTGOMERY WB APT MONTGOMERY WB CITY MOULTON	Z R				.14	.18	. 06	.38 .20 .22 .38 .04		T .01 T	.20 .25 .03 .03 .26	1.05 T T	.05 T	.47 .80 .22	.18 1.10 1.17 1.24 .02	,10 ,26 ,22		.01	.65 .25 T T	.35 .10 T			.37 .49 .46 .92	.99		. 01 T	. 02	T T	.10				5.90 2.58 2.83 3.41 4.31
MUSCLE SHOALS NEW BROCKTON NEWBURG NEW MARKET NEWTON	R	T			. 28	. 15	.46	.06 1.41 .25	, 22		.03	.04 .91 .73	.52	1,74	1.24 .19 .13 T	.47		.54	.32 .50 .60 .58	T .45 .16			.47 .20 .70 .29	.90			T *	.07	.05				3.65 4.31 2.85 5.39 1.54
ONEONTA ORRVILLE OZARE PAINT ROCE PALMERDALE	R				.12		.31	.75 .43 .79 .06 .20			.65	.10	.28 .30 .99 1.80	.35 T .62 .48	.04 1.46 .01	1.50		.44	.80 .70 .42	.17			.93	.84			. 03	.10	.10				3.38 4.12 3.72 5.23 3.97
PICKENSVILLE PINE HILL PINE LEVEL	R				.19	.70 .15 .08		.55 1.28 .50 2.00	.08		.30	.11	.29	.74 .70 .10 .80		.80 .19 .30 1.01 1.20			1.25	. 16			.14 .43 .50 .38	.57 .21 .50 .29			.02	T .12					3,42 4,25 4,36 5,72 3,25
PRATTVILLE PRIMROSE PARM	R				.05 .01 .25 .01	.10		.30 .20 .50 .30	.51		.01	.88	.10 .09 .07 .05	.30 1.88 .66 .45		.95 . .41 .65 1.71			.14	. 20	. 05		. 20 . 07 . 46 . 39 . 05	.72			.12	. 12					3.82 5.37 2.54 3.08 2.62
	R				.32	.55		.97 .29 1.03	.39	. 03	.51	T .12 .56 .08	.38	.32	.92 1.10 1.61	.37	. 23	٠	.93 .75 1.06	.19	.04		.11 .54 .93 .28	.01	.52	-	-	.18	. 45	-	-	-	5.42 3.13 5.09 5.31
ROBERTSDALE 7 E ROCK MILLS SAINT BERNARD SAND MTN STA FRM AP SAYRE					.09	.03		.07	.12	T	.06 .08 .73 1.10 .38	.07 .03 .43 .10	.18 .50 .13	.90 .37 .36	1.14 .90 .13			.04	. 23 . 69 . 58 . 61	03 .07 .14 .08 .06	. 05		.19	.12 .29 76			. 09	. 29 . 27 . 05 . 05 . 03	. 06				3.54 2.71 4.67 4.03 3.32
SCOTTSBORO SCOTTSBORO SUBSTA SELMA SHEFFIELD TVA NRSY SHOEMAKER SPRINGS					.10 T	.10		.40 .43 .25 .42	. 03		.65 .13 T .19	.15 .67 .06	.47 .08 .07	.80 1.06 .25 .63 .82	. 19	1,13		.15	.90 .59 .08 1.03 1.19	. 02 . 03	,02		1.02 T .14 .51 .41	1.05 .67 .09 .34			. 20	.15	. 02				4.79 4.75 3.28 4.04 4.64
SLOCCMB SNOW HILL SOUTH HILL SPRING HILL SUTTLE					.08 T	. 20 T		.10	2.40 T		.22 T	. 27	.25	.30 .15 .20 .36 .79	.71	1.40 1.03 1.26 .88	.40	.04	T .44 .12	. 04		. 02	1.06 .42 .15	.53 .30 .58		. 04	.18	. 09					5.69 2.74 3.25 5.17 3.55
SWAIM SYLACAUGA SYLVANIA TALLADEGA THOMASVILLE					. 09	.09	. 04	.40 .30 .63 1.00 1.90	.03		.16 .03 .13 .32 .04	.66 .01 .40	.15 .10 .13	.41 .73 .60	. 27 . 05 . 15 . 55	.55 .31 1.10			.81 28 .45 .21	. 28	.02		.18 .03 .05 .69	.72 .67 .95			.02	.03	.01				3.86 3.10 3.71 3.32 5.05
THURLOW DAM TONEY TRAFFORD	R R Z				.06	.28	.19	.92 .54 .02 .73	.31		. 05 . 80 . 44	.07	.73	.43 .15		.07 1.51 .12 1.35	.02	. 29	. 81 . 54	. 09			.70	.38				. 45	. 04				4.42 4.17 4.34 3.57 4.75
TUSCALOOSA AIRPORT TUSCALOOSA LCE DAM TUSK EGEE UNION SPRINGS UNIONTOWN					.24 .01 T	.24 .30 .20	. 05 T	.36 .34 .50 .23 .58	T .01 .18 .78	T	.48 .12 .04 T	.32 .01 .06	.63 .05 T	. 27 . 65 1 08	.30 .04 .47 1.15 .12	.01 .35 1.57 1.10 .95	. 01	.39 T	.41 .72 T .03	.07 .20 .32	.02	. 02 T	.80	53 .34 .43 .15	'n	Т	. 04	. 02	.02				4.00 3.75 4.01 4.41 3.64
VALLEY HEAD VANCE	Z R				. 23	. 23	, 05	.26 .59 .25 .39		. 03	.30 .10 .95	.31	.55	.18	.29 .11 .04 1.20	.43		.40	.29 .44 .43	. 24			.65 .23 .80	-			. 02	.03	. 20				3.28 2.38 4.90
WALLACE WALNUT GROVE WATERLOO WEST BLCCTON WETUMPKA					, 25	.19		.45 .69 .27	. 26		.60 .50	.20 .75	.50	. 70 . 75	15	1.90 .45 1.20	.02	,18	. 01	.10	.10		.02 .36 T	.45 .75 .27 .63			.14	.32	.10				4.00 2.40 3.08 3.08 3.25
WHATLEY WHEELER DAM WILSON DAM WINFIELD 2 SW YATES HYDRO PLANT			т		T .01 .29	.15 T .20	T	.32 .52 .62 .35	.74		.01 .17 .08 .59	.08 .85 .61 .50	.07	.65 .50 .60 1.45	.64 T T .10	.97	T		1.12 .94 1.32 .02	.06 .10 .13 .04	.03		.45 .38 .47 .60	.58 .29 .06 .38 .48			.03	T .04	.02 .22 .26 .07	т			4.77 4.23 4.33 5.71 4.29
YOUNGS STORE	- 1				.22			.75	- 1			1.00							1.00				. 28										3.25

DELAYED DATA

JUNE 1949					
TALLADEGA HRN MT TR	T T T T T T T T T T	.17	04 .	02 .54	4.37
JULY 1949					
LOCK NO 1	.04 .60 .77 .18 .03 1.28 2.27 .90 .30 1.82 .79 1.19 .43 .39 .04	,21		90	12.14
AUGUST 1949					
BOAZ MIDWAY SEALE 7 WNW	T .03 T 1.1 .05 .128 .02 .02 .06 .40 .90 .60 .3.40 .50 .75	. 20			.05 1.45 53 2.80 .90 8.20
SEPTEMBER 1949					
BOAZ HARRISBURG 6 SE MERTZ 3 E MITCHELL DAM	.23	1	.15	. 47	5.32 2.08 3.20 1.41
OCTOBER 1949					
HUNTSVILLE SEALE 7 WNW	T T .40 .16 .04 .12	.21	:	23 .04	1.76 .45 4.07 • 1.20 3.11
NOVEMBER 1949					
MITCHELL DAM	. 33	.52			0.85

Station						A. 1	M. Hou	ır endi	ing		3	T		1			1	P. 1	М. Но	ur end	ing	1		-	
		1	2	3	4	5	6	7	8	9 ~	10	11	12		2	3	4	5	6	7	8	9	10	11	12
													-ls	t-											
RRY EENVILLE NO 2		-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-		-	-	-	-	-
													-3	d-											
THAN CAA AIRPORT															-	*	-	*	-	-	-	-	-	-	-
													-4t	h-											
DISON NISTON WB AIRPORT	6								.02	.01	.01	.01	.02	. 04											
HLAND MORE STATE FARM	//													.01	.01		.01								
BURN SCS 10 LGREEN KAR 2 SE						.02	.08	.01	.09					. 04	.15										
MINGHAM WB APT		٠							*	.04	.05	.02													
MPBELL DEVILLE NO 2								.01	. 01		. 01		.01	.13	.01	.01									
TAW LOCK NO 7 ERGREEN CAA APT	6								.01	. 07	.09	.04	, 01	.01				*		.03					
AT ROCK PT MORGAN PT PAYNE	//									. 01	. 03	.02	.01				.08								
DEN CITY TERSVILLE REC									. 05	09	.03	.01	.01												
EYVILLE TSVILLE	6						. 01	.11	.05	.01		*		.16				. 01							
DAM K NO 1	//										. 01	.03		.04			.02	.01							
NOLIA ION 1 SSE								*	*	•	. 10	.14	.02	*	*	•	*	*	٠						
WAY TGOMERY WB APT TGOMERY WB CITY	6								*	*	*	*	. 02	.04	.02	.07	*	٠	٠	.10					
LTON CLE SHOALS	6			*	*	*		.05	. 24	.02		*	. 02	. 20											
BROCKTON NT ROCK						6-			. 02	.05	.03	.02				.01									
ERMAN ASANT HILL RSBY 1 SW				.02		.05						. 12	.02		. 08	.02			. 01	1			I		
EY FFORD		.01								.04	.06	.01	.13		.01										
Y CALOOSA AIRPORT	6									*		*		. 24		.03	.05	.01					ĺ		
VERSITY NON							. 11	17	.05	.07	.10	.01													
													-6	h-											
ISTON WB AIRPORT	6																				*		٠	.01	,01
GREEN AR 2 SE	//																*			.06	.01			.08	.01
MINGHAM WB APT Z																	*		*			.01	. 05	.10	.08
TAW LOCK NO 7 IT ROCK IT PAYNE																						.03	.03	.02	. 01
RDEN CITY FORSVILLE REC																					. 01		.04	.03	. 01
EYVILLE MSVILLE	6																	.01		.01	.07	.04		.01	.02
KSONVILLE DAM																							. 02	.04	.01
LION 1 SSE																				•			*		.06
CLE SHOALS INT ROCK DRSBY 1 SW	6																				.11			•	.16
TEY AFFORD																					.07	.03	. 01	. 05	. 09
SCALOOSA AIRPORT	6																				*	٠	.01	.03	.07
RNON													-7t	h-						.01	.01		.01	.01	
ÉVILLE												, 03	. 09	.35	.08	.03									
ISTON WB AIRPORT LAND	6	.10	. 21	.08	.01	.01	.02	.28	*	٠	٠	*	*	.04											
ORE STATE FARM						. 14	. 34	. 57		.04		.06			.04	.03	.01								
GREEN AR 2 SE MINGHAN WE ADT		*	.03	٠	*	0.5	•	* 0.4		.01	٠	*	٠												
MINGHAM WB APT Z PBELL		. 33	٠	.01	.02	.05	.03	.04	. 20	.04	. 04		.01												
EVILLE NO 2 A# LOCK NO 7		.02	.01	.08	.09	.62	. 47	.03	.18	. 11	. 09					-	-	-	-	-		-	-	-	-
RGREEN CAA APT I ROCK	6	. 16	. 05	.07	. 02				*	*	•	*	*	. 39											
PAYNE DEN CITY TERSVILLE REC		.01	.14	.08	.01	.04	.01	01																	
FRSVILLE RFC FYVILLE FSVILLE	6	.09	.02	.01	.01			.08																	
KSONVILLE DAM		.01	,03	13	29	.03	.02	.02		.01	.01														
N NO 1 NOLIA	//		, 13	.09	.01	* 02	.01				,10		•			٠			, 70						
ION 1 SSE	6	٠	٠	*	٠	٠	٠	23	0.7	0.8	. 11	, (19	. 03	.01				U.1							
BILE WB AIRPORT BILL WB CITY WTGOMERY WB APT	6					*		06	٠					.09											
GOMERA WE CILA	O		02	01	.03	0.1	.01	.14	06		.09	01													
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See reference notes following Station Index.

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MOULTON MUSCLE SHELLN 5	.01						.11						.10		:11		*		.04	04	.32	. 50	.20	. 09	1
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AUDISON ANNISTON WB AIRPORT	.05		1,3	.02	0.2	.01	.01						.27		*				.04						
ASHLANT // AFMORE STATE FARM AUB' > SCS 10						12	.27	.13	.11	.01		.14	.01	.01	.02	.01		.18	.05	-6	.19		. 07	. 03	12
BEARS 2 SE	02	15	03	01	12	.01	.01	0.5			. 07	.03			,02			.06		0	.01	. 04	.04	. 01	
BIRMINGHAM WB APT BO., CAMPB II	65	, 14 , 03 , 01	03	.04	.16	.01	. 20	.01	. 04				.02						. 02						
DATE VIII No. 2 	23	.04	04	.02	.16	.01		.01	. 11	. 43	.09	.03		.01	.01	. 01		.01	.04	1	05	.01	64		1
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GAN. N. 1. Y. GREEN, I. L. N	,5	16	0.1	08	02					. 09	.01	.02		.06	.01	.01		.09	. 02	:	. 05	. 09	.02	.10	. 61
HAN YOU. ' HUN I'.' JACA NYI F		- (1	, () 1	01	0.4	.03	.40	.03		*			.09	.21	.01		.01			-	.02	.03	.03	.05	.35
LAY Y LO'S NI : //	-	0.8	02	05 07 03	04	.16	.41	.33	.13	.02	.07	. 01	.01		.01		. 01	.01	.06	-	0.				3
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MO ILE WB CITY WOLLOW A COMMON TO THE COMMO								*		.17	.14	. 06	.01	.01	.03	.08	.07	.02	. 01	. 12	12	.09	- 65		8 1
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PL: till. RIV v. 2 v THO vois *	91	. 1	07	.03	02	.18	. 55	.40	.12	. 04	.05	. 36	.05	. 08	.01		.01	11	33	0	.01	. 01	0.2	2.	, f 7 S 1 3 D
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ABBILLIE ANNISTON WB AIRPORT ASRLAN: //		. 11	1.	1	. 1		.03			.01			.01	.10	.03		.06	.03	.05	- 1	05	.05	09	.06	. 91
AUDIAN SCS 10 BELAR 2 SE	.01	37	11	l n	.15	.10	.03	.04	.05	.11	.14	.12	.08	.02	.02	.08	.11	.14	.08	-1	02	. 13	10	.10	1.64 1.58 .01
BIRMINGHAM *P VP:		-				.01	.04	. 09	.02	. 01	. 07	. 05	. 05	.05	.01	.05		.02	.03	1	04	.04	01	.02	. 20
DATE FILLS NO 2 POTE N A TAPON. FULLS COMM. NO 7	:	15	16	,	.08	0.5		.01	.04	.03			.01	.01	.03	.06	. 08	.05	.04		.05	.08	09	. 04	.70
FLAT POCE FORT MOREAN	15	-14		v		*	.26	.37	.33	. 04	*	*	. 42	*	*	.05	. 29	* !	.37	- 1	08	. 24		45	7
GARLEN 117 GRI'NVILLE NO 2 GUNTER VILLE REC	13	,00	· () 1	4, 1 4		s		*	* ,	٠	*	*		٠	+ 1	٠					٠	٠			110
HALLY TEER BUY, STEEP JA AT NOTELY	01 7						.05								1		.01	.02	.01		04	.02			
LAY S.M LOC & NC . MAGNOLIA			.03		11	.02	.07	.03	.02	. 04	.07	.06	.04	.01	06 .13, .06	.06 .03 .02	.05	.05	.03	3	07 03 12	.08 .07 .11	Ε	-	
MARION 1 MILWAY MORELS A OR.	77	. 1				.18	.14	.01	.01	.01	.01	.03	.06	.04	.08	.08	.07	.12	.05	3	09	.04	10	.09	10
MOST OF THE MOST O	- 11	1		24	-	.15	.04	.05	.10	.11	.15	.02	.29	* .05	.03	.14	.29	.16	.07 .25 .06		10	. 19	.07	.07	1.24
MOTAL N MOTAL BETTAN NEW CX:100	.14					.02		.04	.01	. 01	.01	.04	.11	.04	.01		.01	.10;	.08		07	. 0.5	10		.02
PAID CARLOS PETELMICS SLATER STATE	.18	5	in.			0.5	. 09		.09	.03	. 08	.05	.01	.04	.03	.06	.07	.08	.01	8	09	.08	10	.10	.01
Tes . s.	.05		-	.01	3	10	.03	.01	.08	. 06	,15	. 11	.10	.05	.01	.01	.08	.07	.11		.03	.11	14		1.61
TOS CHESTA ! RPO.	**	574	- 1	.03	14	.08	.08	.03	.03	.01	.06	.10	.05	.03	0.4	.01	.02	.09	.05 .17 .03	₫	.04	.04	12 02	.10	1 25
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- 167 -

Table 4-Continued						B 3	4 12-												4 17					DEC	EMBE	19
Station			0	ī			M. Hou	=7			16			1	7		, 7		_ r	r endi						
			2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
DADEVILLE NO 2 EVERGREEN CAA APT 6 FORT MORGAN // GREENVILLE NO 2	. 4	13	.04	.05	.03	.04		.20 .02	.01	.01																1
JACKSONVILLE LAY DAM LOCK NO 1 // MAGNOLIA	.0)7	.05 04 04	.01	.02	.01																				
MARION 1 SSE MIDWAY MOBILE WB AIRPORT 6 MOBILE WB CITY	. 1 . 4 . 0	1.6 10 03	.03	.10	.06	.04	.03	.02 .05	*	*	*	*	٠	.01												
MONTGOMERY WB APT MONTGOMERY WB CITY NEW BROCKTON PETERMAN	. 0	8	* .03 .07	.05	.03	.03	.02	.01	0.5	041	0.4	.01	.01													
PLEASANT HILL RIVER FALLS 2 NE THORSBY 1 SW TROY TUSCALOOSA AIRPORT 6	, 1	12	.06 .13 .02 .21	.05	.10	.04	.02	.06	.03	.01	.01															
UNIVERSITY)1						,01					-16	th-												
DADEVILLE NO 2											-		- -17	- th -	-	-	-	-	-	-	-	-	-	-	-	
ADDISON BELGREN BEXAR 2 SE BIRMINGHAM WB APT BOAZ EUTAW LOCK NO 7 FLAT ROCK																				.01	. 21	.10	. 10	.08	. 11 . 02 . 03 . 11 . 07 . 22	
FORT PAYNE GARDEN CITY GUNTERSVILLE REC HALEYVILLE																					. C1	.16	.01	.09 .20 .13	. 03 . 20 . 10	
MOBILE WB AIRPORT 6 MONTGOMERY WB APT 6 MONTGOMERY WB CITY MOULTON									*	*	*	*	*	.01								.04	.14	.12	. 07	
MUSCLE SHOALS 6 PAINT ROCK FONEY TRAFFORD TUSCALOOSA AIRPORT 6																						.12	.10	.12 .10 .04	.10	
UNIVERSITY VERNON													-18	th-					. 01		.10	*	.08	.17	.15	
ABBEVILLE ADDISON	. 0	9	.10	.02		.07	. 01	.01	. 21	.18	.06	.01				. 03	.11	.01	.15	.06						
ANNISTON WB AIRPORT 6 ASHLAND // AUBURN SCS 10 BELGREEN	.0		. 02	.06	* .14 .01	.01	.03	.01	* .01	.05	.01	01		.03	.01	.01	.01					,				
BEXAR 2 SE BIRMINGHAM WB APT BOAZ CAMPBELL	. 1	16	.12	.04 .04 .08	.04	.01	.02		.02	.01	.01	.06		.01	.01										0.5	
DOTHAN CAA AIRPORT EUTAW LOCK NO 7 EVERGREEN CAA APT S FLAT ROCK FORT MORGAN //		8 (.05	,10	.01	.02	01		*	*	٠	٠	.04	.04		, 01	.01	.01	.03	.05					. 01	
FORT MODAR FORT PAYNE GARDEN CITY GUNTERSVILLE REC HALEYVILLE	. 1	06	.08	.06	.03	.01	.03	.01	.02	.01	.05	.01														
HUNTSVILLE 6 JACKSONVILLE LAY DAM MAGNOLIA	. 0)4	.05	* .09 .08 .12	.02 .02 .03	.04	.01	. 50	, 03 . 01	.02	*	.02	*	.31	,02	.01										
MARION 1 SSE MIDWAY MOBILE WB AIRPORT 6 MOBILE WB CITY MOULTON	. 0)5	. 07 * . 02	.03	.05	.01 * .01	*	.10	*	*	*	.02	.04	.10	.03	.19	.01	.01								
MUSCLE SHOALS 6 NEW BROCKTON PAINT ROCK THORSBY 1 SW	. 6	08	* . 02 . 03	. 04	*	.07	. 10	.26	* .02	.10	.01	*	. 02	.06	.02	.01	.45	.01	.01							
TONEY TRAFFORD TROY TUSCALOOSA AIRPORT UNIVERSITY 6	. 1	14	. 12	.04		.03	.04	.14	.11 .01 *	.18	.14	.01	.07	.02	.05	.15										
VERNON	+	1.5	.02	*	•	*	. 03	*	*	.03	,01	*	1:00 -19	th-												1
ABBEVILLE ANNISTON WB AIRPORT DADEVILLE NO 2 MOULTON			*	*	. 01	.01	.01	.01	-	-	-		-22	2d-												
ABBEVILLE ADDISON					.05	.01	. 20	.11	.21	17	.12			.12	.05	.02	,01	*	* !	. 49	. 03	, 01		*	*	1
ANNISTON WB AIRPORT ASHLAND // ATMORE STATE FARM AUBURN SCS 10 BELGREEN			à	*	. 11	, 01	.15	.02	01 . 14 . 01	.01	.03		.02	.06	.01	.07	.09	.09	.06	.05	.04	.05 .01 .01	.01		.60	
BEXAR 2 SE BIRMINGRAM WB APT BOAZ CAMPBELL			*	*	. 1	.34)7	, 69	. u2	71 7	.05	.01 09 .07	02 .15 11 .12	14 .18 .02	.03	.14	06 .07 .01	.05	.01	.01	.01				.40	
DADEVILLE NO 2 NOTHAN CAA AIRPORT EUTAW LOCK NO 7		3	13	*	11	*	. 03	.05	* 1	.03	.11	.14	.04	.01	.07	62	. 12	*	.01	.02	.01		*	-	.40	

- 168 -

HOURLY PRECIPITATION

ALABAMA DECEMBER 1949

						A. N	M. Hou	ır endi	ng				1					P. B	d. Hou	ır endi	ng					
Station		1	2	3	4	5	6	7		9	10	11	12	1	2	3	4	5	6	7	{ -	C _y		1.	12	F
ERGREEN CAA APT	6		9	*	*	*	*	.04	4	* 08	.09	.11	*	.11	* .01	.10	*	*	* .07	.14		*	*			
tr MonGAN PAYNE	11			1	.14	.02						.05	.11	.11	.14	.02	.01	.02	. 07	.01	.02	.01				
DES CITY INVILLE NO 2				.01	.01	.01			.14	.11	.07	.17	.01	. 01	.03	.04	.07	.01	. 09	.01	.10	.08	. 01			
TERSVILLE REC				.02	.08	.09	.17	.02	.10	.30	.08	.06	.05	.17	. 09										1	1
KSONVILLE	6	ı	*	*	*	*	*	.03	.01	.01	.06	.01	.04	. 85	. 24	.10	.05	.14	.04	. 30	. 05					
DAM K NO 1 NOL1A	//	1	.06	.17	.01	.01	. 01		.04	.07	.01	.02	.02	.04	. 17	.06	. 11	.04	. 02	.01	.02	.02				
NOLIA NION 1 SSE		*		* 11	.02	.07	* 01		.01	*	*	.01	.04	.01	.01	.08	.04	.01	,01	.01	. 02	.02	.05	.01	.74	
ILE WB AIRPORT	6				.04	* .06	*	.30	0	0		.08	0	. 46	0	+	. 07	.03	.04	.22	. 02	.01	*	.01		
TIGOMERY WB APT	6					.00			*	*	. 03	.02	.01	.08	.02	.03	* . 04	.06	.11	.28	.06					
ILTON SCLE SHOALS	6	1		.02	.01	.20	.06	.14	,19	.06	.12	.02	.03	.08												
BROCKTON INT ROCK	Ť								.13	. 20	. 09	.03	. 22	.03	.13	.01	.01	.01	.03				.01			
TERMAN ASANT HILL									.01	.01	. 01	. 01	.02	.01	. 09	.04		.04	.02	.12	.04	.01	. 01			
VER FALLS 2 NE DRSBY 1 SW								. 05	.05	.03	. 04	.14	.01	.08	.15	.05	.01	.02	. 01	. 08	.01	.07	. 02	.02	. 01	
NEY AFFORL					.04		.14		.10	.12	.19	.11	.17	.10	.01	. 06	.10	.04	. 01							
OY SCALOOSA AIRPORT	6					*		.17		*			.10	.05		.01		.07	.03	. 22		.04	.06	.03	. 01	
IVERSITY RNON			. 05	.01	.15	.04	.11		.02	.03	.10	.09	.01	.05	. 05	. 03	.02	.01								
													-23	d-												
ISTON WE AIRPORT	6	.02												~												
ERGREEN CAA APT BILE WB AIRPORT	6	.16								1																
NIGOMERY WB APT	6	.13						.03		1			1													
VER FALLS 2 NE												-	- 1	-	-	- 1	-	-	-	-	-	-	-	-	-	
On DARNE													-25	th-	-										. 01	
RT PAYNE BILT WE AIRPORT BILL WE CITY	6	}		.01		.01			.01	- 1			- !			*	*		0	.02					.01	
NTGOMERY WB APT	6			.01		.01			.01				_26	:+L	*		*		-	.01						
		1						I					_2(th-												
NISTON WB AIRPORT	6		. 01	.01	. 01						.03	.13	.12	.03	.02		*	0.		.01						
BURN SCS 10 RMINGHAM WB APT											. 01		i			.08	. 65	.01								
AZ DEVILLE NO 2											.01	.01	.01	. 02	. 09	.01	. 02									
RT MORGAN RT PAYNE	//	1		.02	.02		.01	. 01																		
CKSONVILLE Y DAM										.06	. 01															
DWAY BILL WB AIRPORT	6	.02			19			.02																		
NTGOMERY WB APT NTGOMERY WB CITY	6	1							*	.02	.02	*	.01	.02												
IFT ROCK TERMAN				.01	.01					.03																
OY SCALOOSA AIRPORT	6					*	*	.03			.02	.01	.02	. 01		1										
IVERSITY							. 01		. 01				-27	th-									1			
									01	0.1			1													
DDISON	//	1		.01	.01			01	.01		, 01	.03	.02													
AAR 2 SF RMINGHAM WB API				01				. 01			.01			.01												
AZ AT ROCK DRI PAYNE				.01									. 02	.01												
LETVILLE MISVILLE	6	1								*	.01	.02		.10												
CKSONVILLE BILE WB AIRPOAL	6											.02	l													
SILE WE CITY SCLE SHOALS	6	1						.02					*	.05					12		.16	.17				
INT ROCK							.01						. 1.0	.09	.14											
AFFORD SCALOOSA AIRPORT	6						.01							.01	.02				.01							
IVERSITY RNON									. 05		. 01		.01	.01												
												-	-28	th-												
DELE MILLIAMORE	6	30.											20													
													-31	st-												
DBILF WE AIRPORT														-				_	_	_	_	-	_		_	
RRY VER FALLS 2 NE		-	-							-	_	-		-					_							

AUGUST 1949			-9th-		
MIDWAY				.10 .01	.11
			-14th-		
MIDRAY			.02	.02	. 04

HOURLY PRECIPITATION

ALAPAH DECEMBER 194

Station					A. I	M. Hou	uz end	ing				- 1				, y	M Hou	t e ti	iles					77
Station	1	2	3	4	5	6	7	8	9	10	11	ا الم			į.		Ų.	7	8	,	16	.1	13	"ctvl
MANUAL	63												1.50										- 1	
MIDWAY	0,1			1 11.								-	- 1-											75
MIDWAY										03		1C												. 0
MIDWAY													-18th-			.04	.01							0
												-	-19th-											
MIDWAY														21					11	.01				31
HIDWAY													1		. 53									. 5

CORRECTIONS

ANNUAL SUMMARY, 1948

Table 2:

Guntersville

Total annual precipitation should have been 61.03; Departure from normal 8.69.

MONTH: JANUARY, 1949

Table 3:

Harrisburg 6 MI SE

Record shown should be deleted from this bulletin, and inserted in the December, 1948 bulletin.

MONTH: JULY, 1949 and AUGUST, 1949

Table 4:

Birmingham WB APT

Station listed incorrectly as Birmingham WB City.

Table 5																Dave	of mo	- + h	_	_											DECI	MBK	R 1941
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15 15	of mo	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Averag
ALBERTVILLE 1 S	MAX	62 30	60 25	59 24	59 24	50 26	54 26	61	62 33	50 32	48 36	55,	63 53	66	49	43	45	48	51	51	55 36	64	60	59	38 28	56 30	5 0 4 G	53	53	61			54.
ALEXANDER CTY 6 NE	MAX MIN	65 25	61	63	54	60	60	60 45	58 43	50 40	50 38	65 45	73	69	54 43	48	50	46	62 41	64 43	70 30	63 45	62 48	48	53	54	54 45	65	66	66		60	
ANDALUSIA	MAX	66	67 38	69	65	64	59	67	70 47	64	63	64	74 63	78 63	73	48	45	53	64	71	73 47	74 52	73 56	73 31	46	56 36	62	74 52	70 55	72	70	70	65.
ANNISTON WB AIRPORT	MAX	65 24	57 28	62 25	52 32	56	62	60	52 31	48	46	66 43	72 64	66	45	47	51	47	62 46	60	71 37	6 N	64	12 28	52	5 7 35	54	62 50	65	65	66	60	58.0
ATMORE STATE PARM	MAX	70	69	68 35	63 43	60	70 31	74 57	68	64 49	64	78 62	78 67	73 :	55	45	55	53	75	76 51	72 45	75 58	74 49	49	55 28	59	72 52	75 55	71 53	70 42	70 43	70 48	66.8
AUBURN	MAX	62	66 38	61 38	64 43	51	57	63	59 35	57	50 37	54 38	70	75 59	65	46	42	51 28	55 35	61	70 38	71	68	66	44 25	54 29	54	55 41	62	68	66	68	59.8
BAY MINETTE	MAX	70 38	69	69	70 45	62	70 35	77 55	65 49	65 45	75 55	78 65	78 67	71 53	54 41	45	56	54	76 46	76 46	72 45	75 59	76 48	49	57 26	61 37	69	77 55	71 53	72	72	73 47	67.9
BIRMINGHAM WB APT	MAX	65 28	60	65 29	52	57 25	62 27	65 36	51 34	49	53	67 53	69 64	67	42	44	52 20	49	59	57	70	66 50	63	42 25	52	57	57	60	65 38	65 38	66	61	58.4
BIRMINGHAM WB CITT	MAX	67 35	59 35	67	59	61 31	64	67 51	55	50 37	51 42	68 50	69	69	49	45	53	49	59	63	71 43	68	65	45	55	58	57	60	68	70	69	64	60.5
BREWTON 3 SSE	MAX	68	70	71	66	60	70	73	74	70	65 53	77 58	82	77	60	47	55	54	75 51	76	68	75 49	76 50	50	56	60	67	74 50	73 58	71	71	72	67.1
CENTREVILLE	MAX	68	65	65	58 50	65 30	65	60	60	55	54 47	65	79 65	78	52	50	50	48	64	64	72	70	66	50	55	55	67 50	66	70	68	68	66	62.3
CRATON	MAX	70 26	66	70 24	62 39	62	71 27	73 51	63 41	61 43	63 51	77	78 67	77	51	46	57	53 28	65 51	75 39	75 34	74 61	67	47	55	59 27	71 50	76 49	70 48	72 37	71	71 37	66.1
CITRONELLE	MAX	68	67 45	68 40	65 51	62 36	69 31	73 58	65 41	63 44	64	76 64	75 68	70	51	45	54 27	52	69	74	75 47	73 61	68	48	54 28	60	69 52	74 56	70 51	71 48	71 47	71 50	65.6
CLANTON	MAX	62	62 29	60	62 28	49	56 26	60	61	53 38	50 40	55	68	71 52	63	42	48 25	51	53 35	62	60 35	69	66 49	62 30	42 23	52	58	55 48	66	64	65	66	58.5
CORDOVA	MAX	70	60	67	62	59	64	67	64	50 37	52	70	71 51	70	51 35	46	56	46	59	60	70 36	70	66	58	55	58	60	62 52	65 33	67 26	69	68	61.7
DAYTON	MAX MIN	65	60	65	59	55	65	67 55	64	54	55	75 53	75 61	70	62	49	52	50	63	61	72	71 51	70 43	39	60	62	70	74 54	65	68	68	65	63.7
DECATUR	MAX	62	55 35	63 28	51 41	55 28	62 33	62 49	49	53 35	49	66	71 60	60	40	42	47	46	55	57	69	67	62 36	39	49	56 36	60	60	59 35	62	65	58	56.5
DOTHAN CAA AIRPORT	MAX	66	67 38	65 33	68	60 34	64	71 50	64 46	62 40	60	77 53	78 59	77 56	56	46	52	55	72 54	69 49	74	75 53	77	48	54 29	58	67 50	71 55	73 54	70 46	70 44	68	65.6
EUFAULA	MAX MIN	65	69 32	69 26	65 38	64 36	67	63	66	65	60	74 52	78 59	78 54	69	55 39	55	54	69	66 52	75 39	74	77	66	58 28	55	66	75 55	72	72 49	73	68	67.2
EVERGREEN	MAX	67 31	68 34	70 35	30	69 32	61	69 34	69 44	61 44	20	74	76 54	79 65	69	47	45	56	69	67 45	76 45	75 39	75 56	73	47	56 26	67	72 55	76 54	73 46	72 44	72	67.0
FAIRHOPE	MAX	69	68 35	67 39	68 44	60	73	77 54	67	67 42	71 53	77 63	78 63	73	47	46 32	57 25	65 33	77	72 43	74 43	76 54	76 35	47	58	61	70 48	76 53	72 56	71 46	73 46	70 45	67.8
FAYETTE	MAX	64	65	57	65 27	52 21	57	64 26	66	51	52 39	60	71 45	74 46	52	41 30	48	51	54 35	58	60	70	71	59 26	42	51 27	56 40	63 50	58 35	64	67 27	68	59.1
FORT MORGAN	MAK	65 51	64 50	66 52	73 58	60	71 45	74 63	67 58	66 55	71 65	74 65	73 60	75 49	51	57	65	66	70 58	60 50	69 53	71 62	72 52	52	58 36	57	63	67	64 54	66	70	67	65.9
FRISCO CITY	MAX	68	70 38	67	68	59	61	68	68	62 43	61	64 51	79	79	56	44	45	54	65	72 46	77	74 54	75 56	74 29	47	50 32	65	70 52	74 51	71 47			65.4
GADSDEN	MAX	61	61	55 20	58 25	48	57	60	64	52 36	50	48	62 48	70	51	46	48	50	50	55	50	62 38	62 ' 48	60	41 17	50	59	52.	60	62	62	65	55.8
GENEVA	MAX	67	67	68	64	71 34	61	63	74 50	65	64	67	79 60	77	76 51	55	44 38	53	59	71 59	70 42	75 45	77 54	76	48	56	58 44	58 55	71 58	73 44	70	70	66.0
GOODWATER	MAX	62	67	59	63	49	58	62 27	59	55 37	45	51 38	64	73	60	43	48	50	55 34	63 37	67	71	61 49	62	42	52	54	53 45	65	67	65 31	65 32	58.3
CREENSBORO	MAX	67	62 38	66	56 49	62	65 33	70 54	63	52 41	52	72 52	74 65	71	50	49		50		63		71 53		47	56 25	58	65 49	67	69	71 40	71 38	68	62.6
GRBENVILLE	MAX	66	65	66	60	58 35	66	65 51	62	61	60	73 54	78 64	73 55	57 45	45 41	53	50	70 48	70	74	75	71 41	49	55		61		75	70 44			64.2
EALETVILLE	MAX	63 34	56	66 32	55	57	60 36	62 38	57	53	48	66 48	72 64	57	42 32	47	52	48	58 41	59	68	67	63 37	39	54	53	57	57 50	59	68 40	68	61	
BIGHLAND HOMB	MAX	67 40	63 41	66 37	60 44	58 35	65 37	63 52	60	58	63 46	73 54	77	74 58	58	45 40	52	47		68 46	74 42	71 50	70 41	49	54 26	59	57		68	68 43		67	63.0
HUNTSVILLE	MAX	66 26	53	61	52	53	62 27	62	47 31	52 34	53	62 50	66	56	40	42 25	48	46	56	60	68 35	63 50	62	38	46	55	58	57 44	60	65	62	56	55.7
LA FAYETTE	MAX MIN	06	6.2			59	64		57	50	46	65 41	75	69 55	96	36	29	28	(-()	71 51	, 1	68		49		100	52		65		65	60	58.4 38.2
LINCOLN	MAX			65	50	58	64			50 35					48		55				69			47	54	57	57	64	65 45	68	20	6.3	60.1
LIVINGSTON	MAX	67	67	67			63.		61	52	55	76 53	78	74	52		51	52	63	60	74 34	72	70 43	44	53	55	68 50	65 53	65 38		69		62.5 38.5
LOCKHART	MAX	65	68	69 35	65	68 37	59	68	75 49	64	63	64 52	77 63	78	75 50	53		53	69	74 54	71 47	76 50	74 57	74	47	57 31	62 41	65 51	70 56	72 47	70	70	66.5 43.5
MADISON	MAX MIN	65 29	53	65 29	51	55 24	65	64 45	10 31	54	47	51 44	70 58	66	12	40	50	16	59	56	67	95	63	42	51	55	59	56	61		RR		36,2
MAXWELL, PIELD	МАХ	67	63	63	53	55	64	62	58	52 43	55	75 : 50	78 66	67	50	48	50	48	68	54		71 49	67	45	54 28	58	58	62	67 45	66	66	64	60.5
MOBILE WB AIRPORT		35 66 37		66			71			65		75	74	70		47	56	66	73	73		72	72	48	55 27	60	69 52	76	69	71	71	70	66.6 45.4
	MIN	37	41	43	44	39	38	59	47	44	57	65	01	1	28	30	41	30	0.0		-80	-00	00			20				20	100		

									D	ΑI	LY	T	ΕM	(PE	ER	AT	UR	ES														AT	ABAM
Table 5-Continued																_														1	DECE		194!
Station		-	2	2	,	6	0	7	0	9	10	12	12	12			of mo		10	10	20	21	20	22	24	OF.	26	217	20	20	20		verage
WATER WE CAME	MAY	0.7	2	3	4	5	6	74	8		10	11	12	13	14	15	16	17	18	19	20	21	22		24		26	27			-	31	- A
MOBILE WB CITY	MAX				50	42	69 38	74 62	64 52	65 48	70 60	74 68	75 68	70 31	52 41	46 37	56 32	62 39	75 52	72 48	73 46	70 59	38	47 30	56 30	59 46	69 54	76 57	54	50	71 51	71 53	47.1
MONTGOMERY WB APT	MAX	67 31	65 35	65 26	52 40	60 29	65 26	62 46	59 39	52 43	54 44	75 48	78 64	68 49	49 42	48 33	52 27	32	70 46	58 41	74 40	71 46	68 38	46 31	55 23	58 37	57 48	63 54	70 49	68 41	69 36	65 42	61.6 39.5
MONTGOMERY WB CITY	MAX MIN	66	64 43	64 37	52 42	59 35	64 34	61 50	58 42	52 44	54 44	74 50	77 65	66 49	49 42	48 36	52 30	48 36	69 48	57	73 40	71 48	67 38	45 32	55 29	57 40	57	63 54	68 50	68 44	68	63	60.9 42.6
MUSCLE SHOALS	MAX NIK		50 32	65 28	55 36	56	60 31	64	45 31	49 35	56 43	68 55	69 46	46 35	41 34	41 25	48 18	46	59 41	60 38	69 42	68 53	64 31	40 26	50 20	54 32	56 !	56 42	60 37	65 °	65	59 42	56.4 35.1
ONEONTA	MAX MIN	61 25	66 26	55 22	66 21	54 21	58	65 23	66	50 33	43 37	53 39	64 53	66 47	48 36	41 31	44 18	51 19	55 33	58 39	58 37	67 37	64 50	60 30	42 20	48 22	51 40	58 46	60 36	61 30	64 26	65 27	56.8 31.5
OZARK	MAX MIN	67 38	67 43	67 35	69 44	62 36	66 33	75 48	64 45	64	60 52	75 52	77 58	74 57	72 48	50	53 30	53 34	69 47	69 50	73 46	73 52	78 46	73 30	52 28	59 40	64 49	73 55	73 54	70 44	71 43	69 46	67.1 44.0
PRATTVILLE	MAX MIN	65 31	62 35	63 28	52 43	59 30	64	61 41	57 36	52 43	62 44	72 49	77 60	70 53	57 43	49 40	51 30	47 35	69	69 41	70 35	69	67 48	49 33	53 25	58 37	57 49 .					i	60,8 39,€
PUSHMATAHA	MAX	67 31	63 35	62 25	69 33	58 29	63 27	68 32	67 37	56 38	52 45	52	72 60	79 60	60 40	41 35	45 22	52 27	35	67 40	65 35	75 43	73 50	27	45 23	52 28	55 45	70 49	74 44	67	68	69 35	62.7
ROBERTSDALE 7 E	MAX	65 33	68 34	65 43	72 45	60 37	69 32	76 55	67 52	67 46	68 57	76 66	78 67	75 59	59 45	45 42	55 29	56 38	74 56	72 54	68 42	74 57	76 48	57 30	57 26	61	69 53	75 ; 55 ;	72 55	71 50	71	69 51	67.4
ROCK MILLS	MAX	67 25	63 30	64 22	52 32	60 23	63 20	60 40	53 30	48 34	45 36	65 41	73 57	68 52	53 42	43 37	53 22	44 29	60 38	64 48	73 31	68	65 42	52 32	55 24	55 35	52 42	64 50	69 44	67 31	69 26	62 34	59.8
SAINT BERNARD	MAX MIN	60 26	63 27	52 24	62 24	49 28	58 24	60 25	62 31	47 31	49 36	54 39	65 53	66 45	47 34	38 29	43 20	50 20	54 31	57 42	53 34	68 35	67 49	57 30	38 22	24	53 40	59 40	57 36	58 31	62	65 30	55.8 31.8
SAND MTN STA FRM AP	MAX	61 31	57 37	57 28	48 41	53 25	58 27	61 44	53 30	46 34	43 33	54 40	65 52	64 44	47 35	45 29	47 19	39 29	55 39	58 48	62 42	59 46	60 46	54 27	50 20	57 34	51 42	57 48	60 36	63 38	62 36	55 42	54.8 36.1
SCOTTSBORO	MAX	61 28	56 25	62 25	47 38	56 23	62 24	68 45	53 36	55 34	45 39	59 45	65 47	65 40	43 38	48 30	54 22	43 35	55 41	55 47	64 43	65 44	60 47	47 29	54 22	61 33	56 48	58 51	63 36	66 30	69 28	59 39	57.1 35.1
SELMA	MAX	68 32	67 36	68 30		62 30	36 29		65 39	53 43	61 47	77 51	78 64	75 51	52 44	46 39	55 27	48 37	66 45		74 41	75 50	70 43	47 32	55 26	60 40	64 50	70 53	73 48	71 44	70 38	66 46	64.5 41.5
SPRING HILL	MAX	69 36	70 41	69 42		69 40	64 36		75 51	65 46	67 49	70 63	75 67	73 56	57 40	47 39	45 28	57 28	65 36	75 46	74 44		75 52	52 30				71	73 52				66.4
TALLADEGA	MAK	65 26	58 34	64 25	52 37	59 22	63 22	60 46	53 34	50 38	51 39	65 48	72 64	69 47	49 40	49 35	54 20	44 33	61 43	60 48	72 38	64 48	63 42	44 31	54 22	57 33	58 47	64 51	68 41	67 35	68 30	63 39	59 37
THOMASVILLE	MAK	68 43	63 44	69 37	58 46	58 35	66 37	68 56	59 40	57 41	61 47	77 61	66	69 47	49 38	45 35	53 24	51 34	65 47	66 41	75 49	73 58	65 43	44 28	53 27	60 36	69 50	74 54	67 47	68 44	70 42	72 46	63.1. 43
TECY	MAX	55 41	66 45	61 38	66 43	51 33	57 34	61 42	57 42	61	61	62 46	74 61	77 58	71 46	47 40	43 29	51 34	59 36	66 50	72 47	72 50	71 54	69 30	44 27	55 32	57 41	56 50	64 50	70 45	68 44	67 45	62.
TUSCALOOSA AIRPORT	MAX	67 28	59 31	67 25	55 31	60 29	67 26	69 40	55 36	54 40	56 45	74 55	75 54	55 42	44 36	47 29	53 22	53 35	63 42	57 42	74 35	74 54	66 35	44 26	54	58 30	64 50	60	65 38	68 32	69 30	66 36	61.
TUSKEGEE	MAX	34	67 38	64 30	62 40	52 38	58 26	65 34	60 36	59 44	50 40	57 41	74 55	77 60	67 40	47 40	44 28		58 38	64 44	64. 40	70 45	67 52	69 32	45 25	55 30	55 43	56 48	62 46	68 39		66 43	60.' 39.

DELAYED DATA

65 63 61 53 55 69 76 67 55 49 53 48 64 64 74 72 58 31 43 40 42 44 50 65 55 43 39 29 35 40 49 40 48 49

MIN 28 28 20 24 19 19 31 26 36 40 36 53 45 40 30 15 29 37 41 33 35 36 25 16 20 42 49 30

MAX 63 56 63 50 57 63 64 52 52 54 73 71 53 41 44 50 50 59 57 70 70 65 42 52 57 64 58 63 66 68 64 58. MIN 28 34 27 34 25 30 41 36 39 43 54 53 41 35 28 23 35 44 42 37 54 33 28 22 37 49 48 40 35 34 41 37.

MAX 65 65 64 56 57 63 61 59 52 52 72 76 70 55 48 51 47 69 59 69 69 66 45 55 58 58 64 67 67 67 67 63 60.1 MIN 33 36 29 42 32 29 50 38 42 43 50 65 55 45 37 27 35 47 42 37 49 48 33 25 40 50 53 46 40 40 45 41.4

56 59 58 64 69 27 39 47 53 50

UNION SPRINGS

UNIVERSITY

VALLEY HEAD

WETUMPKA

OCTOBER 1949						,																											
HUNTSVILLE	MAX	75 49	71 63	73 61	73 65	80 64	82 61	85 60	86 69	83 67	85 65	84 68	85 64	80 63	76 63	72 63	73 61	76 52	75 53	78 50	81 53	82 56	75 54	72 44 i	73 50	67 51	68 47	75 39	66 54	65 19	68 62	69 . 38 i	75.€ 56.€

Table 6									EV	AF	203	RA	TIC	NC	Ä	N	D 1	WI	ND											·	DEC		LABAN R 194
																	Day o	f mor	ath														
Station		1	2	3	4	E	S	7	3	9	10	11	.2	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
AUBURN	FAAP	.15	03	16	10	. 01	781	15	. 13	10	,08	1,3	33 31	.06	42	33	* 51	.09	02 58	. 21	.07	.09	.02	98 95	.13	.07	.02	. 02	.01	.12	.10	.11	1.9
FAIRHOPE	TWAP																															.09	B1.7 54

			701	· · · · · · · · · · · · · · · · · · ·	,		·				DECEMBER 1949
Station	ON Count:	Dramago: Lattude Loagitude	Elevation Temp amu	Observer	Refer to tables	Station	ON County	Drainage t Letitude Longitude	Obser- vation time	Observer	Refer to tables
APRIVATE ADDITION ADDITION ADDITION ADDITION ADDITION ADDITION ADDITION ADDITIONAL THREE ADDITIONAL	O. LAWRESTONE 10163 TALLAPOOSA 10252 COUNCTON 10272 CALHOUN	4 1, 14 85 15 2 14 1,3 87 10 2 14 25 8, 19 12 34 41 86 53 1 12 14 87 25 12 34 16 86 13 11 32 59 85 52 13 13 25 9 85 51 16 31 19 86 30 7 33 35 85 51	1500 51 600 51 1114 8A 8/ 660 5P 51 346 8A 8/	DJ. P. MITCHELL DALMEN GODENY 1 9 4 0 PALA: POLY. INST	3 4 3 4 3 3 3 2 3 5 2 3 5 2 3 4 5	LOCK NO 1 LOCK NO 2 LOCK NO 3 LOCK NO 6 LOCK NO 6 LOCK NO 17 MADISON MAGELLA MAGNOLIA MARION 1 MILE 88E MARION JUNCTION	4830 CLARKE 4835 CBOCTAW 4840 CHOCTAW 4840 CHOCTAW 4845 TALLADEGA 4855 TUSCALOOSA 4876 MADISON 4996 JEFFERSON 5004 MARENGO 5108 PERRY 5116 DALLAS	13 31 33 88 01 13 32 00 88 02 13 32 17 88 01 7 33 88 01 11 2 33 29 87 20 12 34 42 86 45 3 33 30 86 21 1 32 08 87 39 3 32 27 87 18 3 32 26 67 14	23 7A 33 7A 510 7P 7A 280 7A 573 6P 6P 654 6A MID 263 8A 204 8A	U. S. RHGINERRS U. S. ENGINERRS U. S. ENGINERRS U. S. ENGINERRS U. S. ENGINERRS ALASAMA POWER CO. BE. T. S. GAILLARD O. BYRON HOLIPIELD MRG. MAGARET SMITE	3 4 3 3 CLOSED 8/24/49 3 2 3 5 3 4 3 4 3 4
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The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a State.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, disensional units used in this bulletin are: Temperatures in "F, pracipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the stendard Teather Sureau type pan of 4 foot disenter unless otherwise whome by footnote following Table 6.

When hourly precipitation is missing or accumulated for moveral days, only the first and last days are shown in Table 4.

Amounts in Table 4 are from recording gages. Traces are not shown

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Onta in Tables 3, 5 and 6 are for the 24 hours ending a, time of observation. See the Station Index for observation time.

No record.

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Precipitation measured at 6-bor 1/2 intervals, no recording page.

Adjusted to a full mo:

Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

One or more days of record missing; new Table 5 for detailed daily record.

Trace, an amount too small to measure only.

Trace, an amount too small to measure only.

Enuly amounts from recording gage at the name site may be found in Table 4.

Enuly amounts from recording gage at the name site may be found in Table 4. Subscription Price: 15 cents per copy, monthly and annual 31.50 per year. (Yearly subscription includes the Annual Summary.) Checks, postal notes and anney orders should be made payable to the Transurer of the United States. Resittances and correspondence regarding subscriptions should be sent to the Weather Records Processing Center, 450 Post Office Sublidiang, Chattancogus B, Tensessee.

(SEE PAGE 170 POR CORRECTIONS)

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CLIMATOLOGICAL DATA

ALABAMA

ANNUAL SUMMARY 1949
Volume LV No. 13







Weather Summar

The winter of 1948-49 was the second warmest winter of record, and grains, legumes, garden crops, and other vegetation, continued to make abnormal progress through January and February. March was slightly colder than normal but little damage was done by the frosts and light freezes which occurred.

There was damage to the peach crop this year, but it was due to the mild winter rather than to late frosts. The lack of sufficient cold required for winter dormancy prevented proper blooming and leafing out, so that the crop was short and many trees in the south and central portions of the State died.

Except for a period of 3 weeks during May, when it became rather dry, rainfall in most areas was abundant through the first week of September, so that it was a good year for the growth of field crops, pasturage, and other vegetation. Frequent showers, along with rank stalk growth, promoted boll weevil activity, and the cotton crop was short. The autumn was dry, so that conditions were ideal for harvesting, but pasturage began to give out in October, and was unusually scant thereafter due to frosts in November and to the lateness of cultivated grazing crops as a result of dryness.

JANUARY

This month was 7.7° warmer than normal. Maximum temperatures on the 11th of 81° at Birmingham, and 83° at Mobile and Montgomery were the highest ever recorded at these stations in January. Rainfall was light in the Southern Division, but heavy in the northwestern half of the State. Light snow fell over most of the north on the night of the 30-31st, and there was a small amount of sleet and freezing rain in the central and southern portions.

Four days of cold weather began on the 29th, giving farmers who were without storage facilities the first opportunity of the winter to kill large hogs. Winter field crops made abnormal progress and became rather tender, but were not hurt by frosts at the end of the month.

Rains on the 3d to the 5th caused severe flooding on the Warrior River, and flood stages were equalled or exceeded at nearly all stations on the Alabama watershed and the Tombigbee.

FEBRUARY

This was another mild winter month with frequent rainfall averaging near normal in the southeast and northwest, but 1 to 4 inches above normal over a central area extending from Clarke, Choctaw, and Sumter Counties, northeastward through Calhoun and Etowah Counties.

Wet soil hindered ground breaking for spring crops except in the southeast and extreme south, and, as the month ended, little of this work had been done in the north. Under the influence of continued warmth, the abnormal progress of winter grain, cover and pasture crops, and wild pasturage was accelerated

A windstorm, probably a tornado, occurred 3 miles southwest of Red Level, in Covington County, on the 19th. Two houses were destroyed and 5 persons were injured, one seriously.

Flood stages prevailed throughout the month in the Tombigbee below Gainsville, and there was moderate flooding in the Warrior, the upper Coosa, the lower Alabama, and the headwaters of the Cahaba, late in the month.

MARCH

March was 1.3° cooler than normal. Rainfall totals were rather large in the west central and southwest portions, but fairly light in the extreme southeast and a few other localities in the east. Vegetation, which had become abnormally advanced due to the unusually warm winter, was harassed considerably by frosts and light freezes until after the general frost on the 19th. Little real damage was done, however, Wet soil hindered field work in the north and west, but plowing and planting ran shead of schedule in some parts of the southeast and did not get seriously behind in other sections.

Some scattered thundersquall damage was done to houses and barns in southwest Escambia County on the 21st. Light hail occurred in this storm.

Reavy rain late in the month caused flooding in the Cahaba River at Centreville, and the Tombigbee and Warrior Rivers. Damage was slight.

APRII.

Rainfall was rather light until the last four days when it was generally heavy. Temperatures were mostly seasonal, but almost record breaking low readings for so late in the season were recorded on the morning of the 16th. A rainy spell set in late on the 26th and lasted until early on May 2d.

Field work, which had been getting behind on account of wet sell during March, made rapid progress, and as the month ended, planting was up to date except in some northeastern counties.

Thundersquall damage was reported near Montgomery on the 11th, at Mobile on the 21st, and in Elmore County on the 24th. There was considerable small hail in the latter storm.

Heavy rain over an east central area on the 29th caused a rapid rise in the Tallapoosa River at Milstead, with a crest of 41.5 feet on the 30th. The Warrior and Tombigbee reached flood crests after the heavy March rains.

MAY

Rainfall averaged slightly more than normal, but there was a period of three weeks following the 2d when no rain occurred except # few showers in the north around the 8th and 9th. Droughts in a few areas were about to become serious by the time a general showery period of several days began on the 27th

The fair weather which prevailed much of the time was favorable for cultivation and for harvesting Irish potatoes, oats, Johnson grass, alfalfa and serecea hay, lupine seed, and crimson clover seed. Pastures were fine during the first 10 days, but deteriorated due to dryness prior to the 27th.

Some thundersquall damage was reported at Montgomery and at Union Springs in Bullock County on the 23d, and near Mobile on the 30th.

Following the rainy spell which ended on the 2d, there was flooding on the upper Cahaba, portions of the Alabama, and on the Tombigbee and lower Warrior Rivers.

THING

June was generally warm with rainfall 1.49 inches above normal. Wet fields delayed the completion of corn planting in the north, and hindered cultivation so that fields became grassy. Crops made good growth and pastures were excellent.

A local thundersquall destroyed a hangar at Norman Bridge Airport near Montgomery

JULY.

Temperatures were mostly near normal, but more than usual humidity gave the impression of unusual warmth. Rainfall was light in the north, but very heavy near the coast, and local distribution was ragged as usual for July.

The weather was not unfavorable for most crops, but the frequent showers of the summer, along with rank stalk growth, promoted boll weevil activity in cotton, and since it was difficult to use poison on account of rain, damage to the crop was heavy.

Lightning killed 2 men near Glenwood, in Crenshaw County, on the 5th.

AUGUST

The mean temperature and average rainfall were not far from normal. Showers were mostly frequent, but mainly light, and it became rather droughty in a few spots in the north. It was exceptionally cool from the 22d to the 24th.

Crops continued to make good progress except in a few of the drier northern areas, where it was too dry for corn and pasturage. Boll weevil activity remained high, making yield prospects for cotton only poor to fair.

Deaths by lightning included a man and a mule killed near Fort Payne, in DeKalb County, on the 8th; a man near Selma, in Dallas County, on the 19th; and a woman in Mobile County on the 20th. Lightning damage was reported also in Phenix City on the 1st, and near Montgomery on the 31st.

A small tornado lifted the roof and ceiling from a house near Montgomery on the 30th Tornadoes in summer are extremely rare in Alabams. Four men were drowned when a thundersquall overturned some skiffs on Mobile Bay on the 20th. Heavy wind and floo damage was done by thunderstorms at Birmingham on the 28th and 30th, and other wind damage was reported near Selma on the 20th, and near Mobile on the 29th.

SEPTEMBER

Temperatures were relatively mild. Minimum readings on the morning of the 30th were extremely unusual, when a few stations in the north had readings in the middle thirties, and temperatures below 50 degrees extended deep into the comstal counties.

Sectional differences in monthly rainfall totals were great, but precipitation was light in all sections after the 6th. The average over the southeast and east central portions was hardly more than an inch and a half. On the other hand, there was a strip on the west central portion with more than 6 inches. Monthly totals were heavy on the coast, but were not much in excess of normal.

Conditions as a whole were not unfavorable for farm work, and both harvesting operations and fall planting ran ahead of schedules. At the end of the month, some early planting of grains and legumes were up to good stands and making excellent progress, but in the southeast and east central portions the soil became too dry for the best cermination of seeds.

Lightning burned down a house in Phenix City in Lee County on the 9th.

OCTOBER

October was continuously warmer than normal after the first 2 days. Rainfall was mostly light, but frequent in many areas. Although a few counties in the northeast had 2 to 3 times the normal amounts, no extensive areas elsewhere had more than normal rain.

As a result of the showers being scattered and uneven, there were, until late in the month, wide local variations in soil moisture. By the end of the third week the soi, was getting too dry in most central and southern counties, and although full planting of winter grains and legumes continued normally in these sections, germination was retarded. These crops were benefited greatly by precipitation during the last few days. Barvesting operations made good progress.

NOVEMBER

This was the 4th driest November since State wide averages began in 1884. There was a large number of frosty mornings, but afternoons were mostly sunny and not unpleasa

As a result of the lack of rainfall and the action of frequent frosts and low humidities, forest fires were exceptionally numerous in all sections. Weather favored the completion of harvesting. Dry soil, however, retarded seed germination and development of winter crops. Pasturage became short, forcing earlier than usual feeding of range cattle.

Three tornadoes occurred in the northeast on the 24th

DECEMBER

Although the temperature mean was 2.3° higher than normal and rainfall averaged 1.27 inches less than normal, the month was a type of December which frequently occurs. Precipitation was quite evenly distributed. There was widespread dense fog on the morning of the 19th when there was an unusual incidence of automobile accidents with a total of 4 people killed. Considerable cloudiness prevailed most of the month.

Winter grains and legumes, which had been slow in coming up and growing due to drough made good progress after the 12th, but these crops were several weeks behind as the month ended. Unusually limited grazing necessitated heavier feeding of range cattle than usual for the time of year.

---F.C.P.---

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NEMORE STATE FARM NUMBER NUMBE	37 9 33 8 50 5 79 5	5 8 7 5 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	2.6 5.1 5.2	59.3 53,5 59.1 53.8 53.5	- 2.9 - 1.0	66.0	- 75 - 3.2 71 9 74 - 1.2 71 - 1.3 73	7 . 8 1. 5 2.	80.1 76.2 5 78.8 2 77.2 3 78.5	- :	81.9 7 79.4 8 80.2 4 81.1 6 81.7	5 3 1.3	81.1 78.2 80.8 78.7 80.0	1 3	76.6 73.5 77.9 8 71.5 73.8	- 2.6		6.4	7 2 11 W 17 10 8 55 4	2.2	5 9 48 4¥ 5 6 47 4 6 4	7 154 3 1 15 3 3 1 4 0 15	is ,	2 1 4 2 1 2 1
REWTON 3 SSE ENTREVILLE DIATON LITRONFILE DIATON	58 7 73 1	8 3 59 4 6 2 58 1 6 6 32 3	3.9			65.9	7 73. 1.9 77. 6 75. - 1.2 73.	2 6.	3 78.6 7 - 8 79.1 6 79.1	-	2 80.6 - 6 80.2 0 81.0	7		-	75.3M 74.8 176.4 173.0	- 1.5	72.5M 71.8 73.8	7.5 - 4.9	54 8 54 5 56 0 58 3 50 7	1 0	14 1 1 4M 1 7 1 16 8	2 5 h 3 7 2 4 h 5 4 h 4	4,	1 2
CORINA A LAYPON LECATUR ROTHAN + AA AIRFORT LEAULA	58 8 56 4	8 1 51 5 · 54 4 7 , 18 3 · 60 6 8.1 58 2	4.3	52.9 56.0 51.0 56.2 57.1	- 2.1	61.2 63.2 59.1 66.4 65.9M	- 73. - 2.7 71. - 76.	8 - 1 1. 1 -	8 78.7 79.4 1 78.0 79.3 8 78.7	-	8 82.2 81.7 1 81.5 81.0 5 82.1	1.2	80.0 80.8 79.2 80.5 80.9	1	72.2 74.3M 71.1 75.9 74.9M	- 3.0	71.2 67.6 73.0	5.4	52.4 50.7M 51.5 55.6 56.0	٠.	48 52 6M 16 4 54 8 4 1	3 5 63 66 1 4 61 62 5 2 63	4 2	2 0 1 1 2 0
VERGREEN VERCEEN CAA APT AIRIEST AYETTE ORT MORGAN	19 8 51 5 60 3	6 6 61 4 6 6 61 4 49 7 - 61 1	5.7	57.4M 60.0 51.5M 61.0	1	64.2 66.8 60.5 68.1	- 1.5 75.	0 2.	2 78.48 0 79.5 77.68 80.2	1	6 80.8 2 80.4 81.0 81.4	5	81.1 80.6 78.9 83.1	1	75.8 71.7 78.9	- 2.4		2.8	56.0 49.5 62.18	2 ×	53 7M 53 1 76 1 45 6 58 7	2 8 6 6 6 6 6 7 71		1 0
RISC (II) ADDUEN ENERA OODWATER REENSBORO	57 7 49 8 58 1 51 5 55 8M	57 8 6 2 49 0 60 7 8 52 7 8 9 54 7	3.9 5.6	59.1	- 3.4	66.4	- 74. - 2.3 70. - 75. - 1.7 71. . 2 74.	1 2 7 1.	79.1 2 76.6 78.7 1 76.2 9 79.9h	- 1.	80.9 8 80.7 81.0 6 79.9 0 82.1	.7	80.1 79.3 80.8 78.5 81.2	8		- 4.5 - 3.3 - 1.2	73.1	5.2	56 9 47.3 55 4 50.9 55.5	3.1	59 4 13 6 54 1 46 7 1 7	4 60 4 60 4 6	15 15 25	1 6 7 2
REENVILLE ALEYVILLE IGHLAND HOME UNTSVILLE A FAYETTE	56 3 1+6 	7 4 56 8 - 47 7 5 7 56 0 - 47 7 53 6	4.2	50.2 56.0 51.4 55.2	- 3,2	58.1	- 1.0 74. - 70. - 1.5 74. - 70. - 71.	2 - 0 1. 6 -	78.7 76.0 77.2 76.6 76.9	- 1.	0 81.0 79.3 5 79.9 80.4 79.5	1	79.8 77.5 79.0 78.2 77.7		7 75.2 71.2M 7 74.4 69.5 72.1	- 2.3	72 0 65.9M 71.9M 66.1 69.5	4.6	55.5 50.2 56.6 48 1 52 6		13 8 47 5 13 0 45 0 48 8	4 6 61 2 4 66 61 - 64	8	н
INCOLS IVINCSTON OCKHART IADIN ON INVMEIL FIFED	79 0 57 1M 59 3 -47 7 56 7	1 80 9 11 7 54 5 - 60 7 5 5 46 8 56 6	2.6	77.0 57.0 58.7 51.9 57.4	.7 - - 1.0	70.3 63.3M 66.4 58.2 64.4	- 2.6.70	2 1.	2179.0	- :	0 50.3 0 81.5 80.0 8 79.5 82.7	3	51.3 80.9 80.4 77.3 81.3	- 1.5	72.4 74.3 75.8 969.1 75.4	- 1.1	69.2 71.0M 73.7 67.0 72.3	-	50 4 4 0M 17,0 56 3 54 8	4	48 6 50 5 55 6 46 5 51-3	4 2 60 5 8 3 1 51	4 3 7	2 6
OBILE WB CITY OBILE WB CITY ONTO DMERY WB AIRPORT ONTGOMERY WB CITY USCLE SHOALS CAA APT	58 6 59 4 56.2 57.0 49 3M	60 3 7 9 61 0 56 2 8 8 56 9 7.4 48 2	6.3 5.3	59.5 60.1 57.1 57.8 52.2	.4	65.9 67.0 63.5 63.8 59.1	- 75 .7 76 - 74 - 1.5 75 - 1.6 71	0 1. 3 - 2 1.	79.7 6 80.9 78.7 8 79.1 0 77.4	- :	80.4 6 81.9 81.8 5 81.6 3 80.9	,5	81.1 82.3 80.2 80.6 77.9	1.3	76.1 77.7 74.6 75.1 69.4	4 - 1.2 - 4.6	71.2	5.1	57 2 58 7 53 8 55 9 50 1	1	56 0 97 1 50 6 51 8 45 8	2 4 6 i	3	2 4 1 8 1 2
NEONTA 7ARK RATTVILLE USHMATAHA OBERTSDALE 7 E	50 4 57 0 54.3 56 5M 60.3	7 6 49.3 6 2 58 4 6 1 54.9 7.9 61.9	5.4 M 4.8	50.1 59.5 54.7M	- 2.9	66.2	7 71	4 1. 1 2. 4 1.	6 76.8 9 78.0 2 78.0 6 77.9 78.6	- 1.	4 80.6 6 80.5 2 81.9 8 80.4 79.6	1.8	78.6 80.0 80.1 79.2 80.3	6	75.0	- 1.7 8 - 2.3	73.1 71.2N	5.3 6.2 4.6	48 4 57 6 53 4 53 7 57 5	2 1 1 - 1 5	44 2 55 6 50 2M 50 0M 57 0	9 62 3 8 68 1 8 63 1 0	1 8	1 7 1 4 1 5
ROCK MILLS AAINT BERNARD EAND MTN STA FRM AP SCOTTSBORO FILMA	52 5 50 0 55 7	7.3 50 2 6.3 55 1	M 2.1	52.1 49.8 53.7 55.7	- 2.5 - 1.1	59.6	- 71 - 2.4 69 - 5 70 - 1.4 73	9M 2.	77.1 0 75.9 7 77.2 6 78.8	1.	80.5 2 79.3 8 80.8 0 81.3	2.5	79.3 77.1 - 78.7 80.1	1.3	72.6 70.5 68.5 69.9 1 77.3M	- 2.9	67.2M	6.7	50 9 48 0 49 5 50 0 56 1	4	47 5 43 9M 45 6 46 6 52 9	3.1 60 3.7 60	0	2 5 1 3
SPRING HILL TALLADEGA THOMASVILLE TROS TUSCALOOSA CAA APT	59 3M 52 8 56 5 56 6 54.2	7.3 58 0 6.7 51 3 8.0 55 3 5.5 57 1 8.9 52 8	3.6 5.4 4.2	54.1	- 1.6 1 - 1.7	61.0M 63.6 64.6	- 1.1 75 - 1.7 71 - 1.1 73 - 1.2 74 - 1.0 73	7M 1. 6 1. 3 1.	1 76.8	- 1. 1 - 2.	4 81.0 4 81.8 7 81.1 6 80.7 1 82.5	1.7	81.6M 79.4 79.9 79.9 81.1	1	7 77.1M 1 72.4 7 74.5 8 75.5 1 73.8	- 2.7	69.9 71.7 72.2	5.8 6.0 4.4	56.1	- 1 - 1	55 3M 48 4 53 4 52 2 48 7	2.4 68 2.1 64 4.0 68 .6 2.3 65	3 4	1 1 1 0 1 7
TUSKFGFE. UNION SPRINGS UNION	59 3 56 3M 53 6M 49.2M 54.8	10.1 58.8 8.2 56.4 8.3 53 1 8.3 47 3 6.1 54 8	6.0 6.0 4.1	49.0	- 1.8 .5 - 1.7	64.0 62.8 55.9M	9 74. 6 73. 5 73. - 2.9 70. - 1.1 73.	8 2. 2 3.	8 77.1 1 79.1 0 74.7	- 2.	2 79.6 6 80.1 2 82.1 1 78.5 81.8	1.0	78.8 81.4 75.7	- 1.6 - 4	75.2M 73.7M 74.3 0167.5	- 2.6 - 2.0 - 4.8	70.7M 70.4 65.9	5.0 5.7 5.4	54 9M 51 0 46 1	- 3 3 - 7 - 2 4 - 3 3 - 1 1	52 OM 47 8 44 0	3.1 66 1.4 65 1.5 66 2.1	5	1 3 1 0 1 7 8

REFERENCE NOTES

Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F; precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by foot note following Table 4.

The four digit identification numbers in the Index are assigned on a state basis. There will be no duplication of numbers within a state. Figures and letters following the station name, such as (2 SSW) indicates distance in siles and direction from the Post Office.

Delayed data and corrections will be carried only in the June and December issues of Climatological Data.

Mo record.

Also later dates or months.

Adjusted to full month.

E water equivalent of snowfall wholly or partially estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

I to 10 days' record missing; see monthly Climatological Data for detailed daily record.

R Station equipped with a recording gage only.

T Trace, an amount too small to measure.

V Includes total for previous month.

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W.R.P.C., Chattanooga, Tenn. --- 6/27/50 --- 1500

Table 2																										1949
	Janu	ary	Febr	uary o	Mar	ch	Ap	nl	Ma	Ф	Ju	ne o	Ju	ly o	Aug	gust	Septe	mber	Octo		Nove	mber	Dece		Ann	ıal
Station	Precip	Departure	Precip	Departur	Precip	Departur	Ртестр	Departur	Precip	Departur	Precip	Departur	Precip	Departur	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure
ADDISON ADDISON CNTRL TOWER ALABAMA STATE FARM ALBERTA ALBERTVILLE 1 S	14.37 11.52 13.60 3.81 9.11	3.96	5.49 4.37 4.37 10.05 6.21	1,33	7.20 6.01 5.67 5.47	-	4.24 4.88 4.01	-	2.94 5.05 4.69 3.26 4.75		7.46 9.52 5.44	-	5.90 5.43 6.03 6.53		3.19 2.91 4.81 5.96 3.88	- - - 53	5,22 4,21 5,01 4,20 3,88	.71	3.22 2.76 3.19 - 7.66	4.39	.68 1.26 1.09 .64 1.11	- - - -2.61	4.79 4.74 3.54		60.65	-
ALEXANDER CITY 6 NE ALICEVILLE ANDALUSIA ANNISTON ANNISTON WB AIRPORT	5.81 9.18 3.80 6.19 5.89	1.04	5.18 - 2.92 8.63 7.26	3.20	4.93 7.11 4.88 6.57 5.80	.93	9.32	-	4.43 4.15 4.54 3.53	-	4.59 4.26 4.96 - 4.79	-	6.69 4.54 6.27 - 2.52		4.02 2.52 2.94 - 6.06		1.92 .80 - 1.20		3.14 2.45 1.69 - 2.23	-	.53 .95 .38 -		3.35 4.10 2.46	11111	46.60 45.83	=
ARLEY ASBLAND ASBVILLE ATHENS ATMORE STATE FARM	12.93 6.01 11.58 14.59 3.45	6.13	5.93 5.79 8.65 4.94 5.61	3.58	8.01 5.91 5.97 6.68 8.46	- 13 -	5.03 5.35 3.59 3.11 7.66	-1,31 -1,	4.61 3.41 4.15 5.44 5.96	.00	6.48 5.50 3.66 9.12 11.81	75 75	2.86 6.79 6.25 4.35 7.65	1.04	4.39 7.48 4.16 1.35 8.22	50 	5.13 1.77 2.78 3.38 3.09	67 	2.98 2.59 5.80 2.59 .86	2.70	3.34 .11 1.05 1.33 .17	- -2.24 -	5.61 3.88 3.60 4.64 4.85	- -2.00 - -	67.30 54.59 61.24 61.52 67.79	5.85
AUBURN AUBURN SCS 10 AUTAUGAVILLE BARTON BAY MINETTE	4.08 3.73 4.36 11.68 3.80	52 - - - 73	5.33 5.17 6.78 3.74 8.32	2.54	4.62 4.42 5.76 6.67 10.79	-1,23 - - - 5,17	8.70 8.98 4.36 2.48 7.79	4.23 - - 2.71	2.75 2.43 5.48 4.37 5.63	79 - - - .96	2.70 2.37 5.52 6.64 6.68	1.28	6.23 6.36 6.30 2.39 11.12	2.89	1.74 1.50 4.84 4.09 9.13	2.99	1.16 1.33 .86 1.01 4.62	-1.94 - - - -1.88	1.87 2.31 1.43 4.66 2.68	-1.01 - - - -1.67	1.54 1.20 1.46 1.20	-1.57 - - - -2.77	4.24 4.07 2.88 6.49 3.58	-1.69	44.96 43.87 50.03 55.42 74.27	9.63
BEATRICE BELGREEN BERRY BEXAR 2 SE BILLINGSLEY	14.29 9.55 12.91 4.51		7.63 3.70 5.78 4.61 8.51	-	8.40 5.44 6.67 7.51	-	3.44 3.46 - 3.67	-	2.11 8.52 2.76	-	3.31 4.18 - 4.83	-	7.93 2.18 3.45 3.05 5.56	1111	5.76 4.05 - 1.58 3.59	-	2.00 2.97 - 2.73 2.22		1.50 4.75 - 2.42 1.48	=	1.05 .59 - .48 .93	=	4.83 2.82 - 3.06 4.20		50.54	-
BISHOP BOAZ BRANTLY	11.00 11.61 13.01 10.97 3.56	5.48 6.09	8.29 8.20 3.78 6.71 2.91	3.23	7.98 7.85 7.00 6.05 5.99	2.28	4.90 4.88 4.27 4.50 4.59	.09	3.37 3.37 2.42 4.93 4.98	58 58 - - 1.03	2.84 5.02 5.89 2.91 4.06	-1.62 .56 - - 34	2.98 4.27 4.50 4.60 11.59	-2.19 90 - - 5.45	5.22 9.20 4.37 1.45 4.91	. 96 4. 94 - - . 03	4.31 3.72 1.71 5,32 1.09	.93 .34 - - -2.38	3.00 3.44 5.51 4.40 1.17	.58 1.02 - -1.46	.42 .46 1.08 1.50	-2.89 -2.85 - -	3.44 3.82 3.93 4.15	-1.70 -1.32 -	57.75 65.84 57.47 57.49	4,57 12.66 - -
BREWTON 3 SSE BRIDGEPORT 2 W BRUNDIDGE CALERA CAMPBELL	3.78 11.49 3.23 7.21 3.03	92 6.68 -1.34 2.33	4.66 5.06 3.68	72 .22 -1.87	6.93 5.65 6.38	1.89 31 .59 -	7.72 4.68 8.15 - 4.46	3.28 .00 3.90	4.78 5.30 3.38	.63 1.12 .03 -	6.69 6.09 6.33	1.39 - 1.56 2.19	11.88 7.48 6.24 8.22	5.03 2.59 .76 2.49	7.97 3.24 9.87 4.18	1.76 82 4.50 58	2.78 2.80 .86 2.20 3.33	-1.82 .15 -2.67 94	2.83 8.76 2.91 2.92 1.58	24 5.51 .26 01	.57 .99 .56 .33 .62	-2.46 -2.33 -2.17 -2.88		-1.64 59 14 -2.07	63.85 - 56.16 - -	6.18 - 3.41 -
CARBON HILL CENTER GROVE CENTER ST AR CENTREVILLE CHATOM	14.49 12.43 12.85	11113	5.83 6.73 4.31 7.08	1.51	8.15 6.10 5.06 7.10	.97	5.07	- - -1.50	5.56	1.15	10.17 8.68 - 3.41	- - 85	6.85 7.96 - -	-	7.34 5.96 - 2.84	-2.22	4.24 5.01 - 4.90 6.47	1.94	1.68 3.94	-1.17	1.00 2.27 - ,98	-2.19	5.36 6.08 - 4.43 3.62	-1.12	80.55	-
CHILDERSBURG CITRONELLE CLANTON CLAYTON COFFEE SPRINGS	4.45 3.07 5.48 3.06 3.58	-2.03 .28 -1.47 79	5.95 5.21 6.99 3.09 5.42	84 1.38 -2.49 34	5.98 8.74 5.64 5.16 3.84	2.50 20 56 -1.20	5.38 6.24 7.80 5.37 10,10	.83 3.00 1.19 5.33	6.34 8.63 4.34 4.75	3.77 .50 -	4.09 4.47 6.42	91 2.33	3.09 6.00 7.54 7.07	-1.47 1.74 1.30	4.72 2.59 5.31 4.66 2.60	-3.91 .77 37 -1.93	1.42 4.51 1.76 1.05 1.15	39 -1.23 -2.36 -3.42	2.00 3.63 1.64 1.35 2.20	.30 98 -1.17 54	.52 .17 .60 .78 .20	-3.10 -2.69 -2.17 -2.71	2.47 5.07 4.84 5.27 3.60	57 62 .11 -1.31	46.41 58.33 58.36	5.82 4.28
COLLINSVILLE COLUMBIA CORDOVA CUBA DADEVILLE	12.77 3.76 8.23 5.63 4.49	3.04 27	5.66 4.54 5.92 6.11 6.00	.83	4.93 3.08 7.11 8.50 4.46	1.41	4.13 6.19 3.37 3.62 6.76	-1.47 -2.29	4.19 1.02 3.98 5.95 3.55	00 18	4.29 4.73 5.76 3.99 2.88	1.64	6.42 9.43 4.62 5.81 10.21	93 92	3.45 5.06 3.90 5.77 4.75	43	5.86 5.50 4.16 4.99 1.18	1.57	4.59 2.31 5.19 3.64 3.42	2.12	.99 .51 .67 .94 1.08	-2.74 -2.03	3.89 2.69 4.17 4.14 4.54	-1.40 92	61.17 48.82 57.08 59.09 53.32	3.64
DADEVILLE NO 2 DANCY DANVILLE DAYTON DECATUR	3.79 7.09 12.80 3.83 12.98	2.38 - 8.35	4.38 7.28 5.12 8.57 4.86	2.68	4.41 6.63 5.25 6.53 5.35	1.37	5.85 3.96 3.29 4.28 3.75	73 73	3.25 6.11 3.44 2.44 3.36	1.94	2.06 4.43 6.09 5.51 8.84	5.05	10.22 5.28 1.72 5.34 2.43	.81 - -1.92	4.45 3.43 3.82 5.49 2.63	19 19 -1.28	.79 3.81 4.18 3.13 4.37	1.24	3.36 1.48 2.33 2.30 2.66	-1.00	.93 .52 1.40 .40 2.17	-2.70	4.58 5.03 5.01	- - - - -	54.02 52.85 58.41	9.69
DECATUR NO 4 DECATUR SUBSTATION DEMOPOLIS LOCK 5 DOTHAN CAA AIRPORT ELBA	14.43 12.93 7.70 5.12 4.51	2.75 .63 22	5.15 4.58 5.98 5.33 6.77	- .61 .09 1.13	5.63 4.73 7.36 3.86 5.92	1.72 -1.29 -22	3.70 3.33 2.31 7.86 8.84	- -2.34 3.70 4.85	3.79 3.49 4.00 1.92 3.74	.01 -1.26 .07	8.50 7.14 3.72 5.59 7.43	18 .96 2.64	2.37 2.41 4.06 9.38 8.54	89 3.46 2.13	3.18 2.83 2.01 3.31 6.59	-1.92 -2.12 2.52	4.15 3.59 6.17 2.45 1.03	3.13 -2.71 -2.73	2.74 2.70 1.90 2.98 2.40	58 .21 47	1.31 1.28 .87 .71 2.22	-2.06 -2.34 -1.35	4.97 4.18 4.69 2.85 4.45	- 81 -2.00 .16	59.92 53.19 50.77 51.36 62.44	- 56 - 2.67 8.95
ELROD BUFAULA EUTAW LOCK NO 7 EVERGREEN EVERGREEN CAA APT	7.75 4.89 7.63 3.81	54	6.79 4.57 6.67 5.63	95 .08	8.40 5.02 8.13 7.49	38 1.80	3.56 6.23 1.96	1.82	5.35 3.75 5.07 5.37	.13	4.23 4.61 1.79 4.35	.39	3.60 5.67 4.57 9.18	3.08	6.41 5.65 6.43	.35	3.15 1.11 6.72 1.96	-2.34 -1.96	2.88 - 2.98 1.99	77	1, 26 - 1,83 ,55 -	-2.49	4.00 4.14 3.72 3.79 3.98	88	57.38	-
FAIRHOPE FALCO 5 NE FALEVILLE FALLS CITY 6 NW FARLEY	10.80	-1.94 - - - -	4.91 4.85 4.65	.87	5.32 3.30 5.18	1.91	10.07 - 3.69 3.57 5.22	5.06	7.84 3.89 4.12	3.16	8.11 9.62 6.69	1.80	18.19 - 3.47 4.31 2.20	9.86	4.69 2.32 1.85 2.86	-2.54	7.89 - 3.53 5.77 3.79	1.70	3.66 3.70 3.84	.06	.37 .39 .80 .79 1.14	-2.75 - - - -	4.37 4.22 4.67 - 4.40	62	56.68 - 54.48	16.57
FAYETTE FLAT ROCK FLORENCE AT LOCK FORT DEPOSIT FORT MORGAN	13.49 10.26 10.44 3.49 1.42	5.58	5,24 4,56 3,33 6,42 5,59	25 -1.31 .65	6.88 5.41 4.68 7.52 9.74	.70 -1.03 2.27	3.31 3.69 2.01 6.03	-1.69 -2.59 1.43	5.94 6.87 3.06 3.52 3.30	1.66 -1.19 05	6.68 3.33 5.74 6.08 5.65	1.80	.39 3.18 4.92 10.76 17.40		4.14 1.89 6.34 7.23 2.71	2.48 2.88	3.32 2.10 2.27 .75 7.38	.33 58 -2.42	4.86 7.55 4.35 1.54 4.45	2.17 - 1.13 -1.11		-2.13 -2.63 -2.06	4.88 3.22 4.20 3.17 2.82	09 94 -2.11	60.75 52.52 52.16 57.66	5.83 - .49 5.41
FORT PAYNE FRISCO CITY GADSDEN GAINESVILLE GARDEN CITY	9.89 4.28 11.74 7.10 11.24	6.56	5.76 6.02 8.15 6.08 7.10	- .77 2.75	5.47 6.58 4.77 8.82 6.89	1.44	4.02 6.21 4.78 3.46 2.40	1.24	4.98 4.88 3.00 5.41 4.85	- .29 -1.11 -	3.72 5.97 6.34 4.15 4.58	1.38 2.17	3.67 10.41 2.18 5.17 6.04	4.41 -3.01 -	3.25 7.30 2.11 3.57 2.42	-2.45	4. 73 4. 99 4. 09 4. 79 3. 20		4.88 .84 4.56 1.76 5.15	-2.15 1.25 -		-2.85 -1.76 -	2.75 4.00 3.61 4.22 4.12	-1.40 -1.89	54.08 61.65 56.78 56.30 59.20	6.07 2.01
GENEVA GOODWATER GORGAS GREENSBORO GREENVILLE	4.21 5.96 11.55 8.26 3.80	3.31	7.43	98 63 42 .35	3.59 5.48 7.99 7.82 6.08	-2.12 17 15 .37	10.05 5.43 3.05 1.68 5.62	5.45 .83 -2.99 .88	.82 4.14 4.56 5.82 5.53	-3.04 .43 -1.38 1.66	5.96 5.43 6.46 2.93 5.42	74	6.00 5.26	01	4.35 4.07 4.01 6.72 5.93	-1.42	3,21 1,06 5,91 6,44 ,62	-1.07 -1.71 -3.36 -2.70	2.96 3.06 4.52 1.17	.46 .19 -1.47	1.65 1.22 1.57	-1.96 -1.61 -1.57 -2.87	3.32	-2.07	50.58 50.03 66.42 58.61	
GREENVILLE NO 2 GULF SHORES 2 SSE GUNTERSVILLE REC GUNTERSVILLE DAM HALEYVILLE	3.81 - 11.21 10.08 17.77	-	5.53 - 5.08 5.77 5.36	1 1 1 1	6.19 11.38 6.08 5.16 6.96	-	5.54 11.79 3.16 2.87 3.01		6.34 2.68 4.37 5.37 4.26	-	3.93 10.85 4.01 6.80 6.91	=	10,30 19.75 6.87 3.75 7.06	-	2.65 5.23 4.26 4.96	-	3.83 3.66 5.51		4.06 10.54 7.00 3.19	-	.95 .65 1.17	.18	2.08 3.11 3.48 5.23	-	64.14 59.37 71.20	. [
HAMILTON HARRISBURG 6 SE HAYNEVILLE HELENA HIGHLAND HOME	16.26 4.34 4.46 10.27 3.89	5.35	4.36 5.98 5.26 8.43 7.78	28 - 2.88 2.14	9.88 6.04 5.63 8.91 5.45	3.20 - 2.81 47	4.14 2.55 5.73 6.10 3.41	29 - 1.25 97	3.91 3.70 2.77 3.49	12 - -1.21 10	5.35 3.75 6.11 5.00	1.94	4,50	-1.07	4.03 3.60 5.59 4.42	25 - 1.18 38	4.11 2.08 .14 2.71 .82	1.38 - 29 -2.35	2.93 1.49 2.06 3.42 1.10	.18 - .38 -1.46	.57			-2.05 -2.54 -1.98	63.62 45.06 61.38	11.60
HIGHTOWER HODGES HUNTSVILLE SUBSTA HUNTSVILLE HYTOP	7.07 13.50 12.70 8.75 13.48	4.02	4.23 4.71 5.44	.11	4.83 7.48 5.85 6.12 6.95	36	3.20 3.25 3.90 7.84	-	2.53 4.38 4.62 4.13 8.06	.14	3.69 6.47 7.09 7.62 7.48	3.31	1.43 3.75 4.21 2.29 7.88	-2.40	3.65 5.54 .91 .76 4.95	-	3.62 4.27 3.97 2.65	1,01	5.70 4.79 4.07 7.77	.75	1.34 .92 .60 1.46	-	3.35 4.16 4.59 4.75 6.01	66	57.43 51.67 79.97	29
JACESON SHOALS JACESONVILLE JORDAN DAM LA FAYETTE LAY DAM	4.91 5.54 4.89 4.34 4.50	=	7.94 6.76 6.27 5.19 5.67	-	6.19 5.29 4.68 3.86 5.05		3.94 3.87 7.47 8.67 6.62	-	4.00 3.96 3.31 2.13 3.75	-	5.18 3.67 9.00 .81 4.58	-	1.87 6.82 5.87 10.78 5.60	_	4.66 3.57 5.02 5.82 2.48	_	1.56 1.77 2.20 .67 3.13		3, 72 3,28 2,35 3,55 1,64	-	1.34 .37 .87 .83 1.20		3.16 3 40 2 77 3 68 4.24	-	48.47 48.30 54.10 50.33 48.46	-

Table 2-Continued

ALAHAMA 1949

	Janu	lary	Febr	uary	Mar	ch ,	Apr	rl l	Ma	ay	Ju	ne	Ju	ly	Aug	rust	Septe	mber	Octo	ber	Nove	mber .	Dece	mber .	Ann	ual
Station	Precip	Departure	Ртестр	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departur≅	Precip	Departure	Pracip	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure
EEDS EESBURG IVINGSTON OK KHART	10.17 9.73 7.76 4.56 3.40	4.82 4.57 2.40 .03	8.18 9.91	2.09	6.89 5.81 5.36 9.51 5.76	36 67 4.27	4.64 5.29 4.89	.64	5.59 4.80 3.63 4.34 1.66	33		.97 90 1.36	4.96 3.14 1.12 5.70 10.75	-2.21	4.66 1.64 - 4.12 5.29	-2.42	2.13 4.23 1.99 6.38 4.56	3.96	2.96 4.83 4.46 2.92 2.50	1.60	1.12	-2.29		-1.74	58.28 57.80 - 61.10	2.56
OCK NO 1 OCK NO 2 OCK NO 3 OCK NO 17 AD1SON	3.03 5 92 7.06 9 45 14.02	-1,99 .78 2.53 9.39	9.03 5.86 7.94 4.56	3.70	5.92 8.08 6.15	4.85 2.30 .52 - .42	4.09 3.36 2.55 4.48	50 91 35	4.94 5.60 3.53 6.23 4.04	.30 1.12 35 05	5.21 3.40 7.47 9.18	02 1.85 14 4.92	2.23 2.59 7.92		4.93	.16 -1.61 .31 -1.27	3.81 4.28 4.49 4.30 5.80		2.19 1.41 1.82 3.30 4.53	61 93 43 14	.75 1.07 .97 .73	-2.55 -2.33 -2.09 - -2.79	3.68 5.43 4.67 4.38 4.82		59.99 48.34 60.19 68.75	7.18 - 1.63 - 17.04
AGELLA AGNOLIA ARION 1 SSE ARION JUNCTION ARTIN DAM	12.28 4.14 6.82 4.97 4.77	1.77	8.87 9.68 6.90 8.63 5.72	1.49	8.69 7.05 6.30 5.68 4.03	.90	5.36 3.73 3.31 2.77 6.20	2.01	3.52 3.92 4.91 5.63 2.74	1.03	6.92 1.94 5.52 4.89 4.05	2.11	6.91 3.53 6.70 5.28 4.69	1.41	5.16 5.11 3.07 5.99 4.80	-1.49	5.68 6.59 3.95 5.07	1.21	2.93 1.58 1.92 2.35 1.43	47	1.59 .08 1.33 .41 1.73	-1.48	4.41 3.45 4.47 3.89 3.07	82	72.32 50.80 55.20 55.56 43.56	4.79 - 7.80
AXWELL FIELD ELVIN ERIZ 3 E IDWAY ILLERS FERRY	3.58 6.20 9.86 3.80 4.67	-	4.98 10.00 7.41 5.04 8.68		4.92 8.43 7.95 3.78 6.49	-	5.15 5.76 2.33 6.72	-	2.72 6.79 5.75 2.38 4.28	-	11.97 5.55 4.06 3.70	-	8.74 5.94 5.45 7.06	1.42	5.40 4.97 3.20 2.80 3.50	-1.23	1.46 8.86 5.65 .47 2.67	-	3,20 2.08 1.90	-	1.19 .86 .10	-	3.73 5.21 4.07 4.56 4.88	-	70.98	-
LESTEAD ITCHEL DAM DBILE WB AIRPORT DBILE WB CITY DNTE SAND	4.31 4.66 3.13 2.52 14.08	46	4.50 6.53 7.33 7.32 5.27		4.25 5.87 7.76 5.33 7.47	_	9.95 5.92 11.77 10.69 4.55	5.56	3.75 1.62 3.10 3.21 6.14	.07 - -1.11	5.09 5.39 6.08 9.85 9.96	-	9.37 8.16 19.29 18.35 3.60	-	2.90 4.42 4.23 4.45 2.33	-	1.82 1.41 8.35 5.45 4.38	.45	1.10	.41 -2.08	.85		3.88 4.87 6.02 4.82 5.90	-1.79	53.54 50.80 81.53 73.63 69.62	1.21
ONTEVALLO ONTGOMERY WB APT ONTGOMERY WB CITY DULTON USCLF SHOALS CAA APT	5.87 3.90 4.12 14.28 10.86	-1.08	4.35	29	7.07 4.98 4.56 5.38 4.22	-1.43			2.62		5.62 7.64 9.10 7.78 6.26	-	3.03 6.93 9.00 1.75 5.94	4.14		.72 - 1.84	2.67	18	2.18 3.27 3.13 2.96 5.00	.67	.36	-2.98	4.31 3.65		48.01 51.46 60.63 52.03	.27
EN BROCKTON ENHURG EN MARKET LNTON NEONTA		1.04	7.13	- 1	6.21	-3.31	5.60 2.58 5.51 6.32 4.12	2.07		-	5.95 10.56 4.79 4.31	.23	5.64 3.90 6.31 3.50		2.71	-3.14		-1.66	4.07	-1.95	1.18	- - -2.70 -1.83	3.38	-	55.81 66.56 58.35	134
RRVILLE ZARK AINT ROCK ALMERDALE ERRYVILLE	4.80 4.94 13.56 13.02 5.56		8.78 6.27 5.44 - 8.37	.59	5.26 3.67 5.82 6.98	-1.67	3.29 7.20 4.01		6.57 6.39 5.30	-1.05	2.17 8.49 8.37 4.42 5.08	3.91	8.53 4.34 6.59 4.45	2.37	5.21 5.73 4.51 3.40 3.68	.16	4.44 3.10 4.88 3.71 2.56	-	7.99 7.11 1.98	37	.30	-1.99 - - - -	5.23 3.97 3.42	-1.13	57.15 71.96	3.23
ETERMAN ICKENSVILLE INI UILL INE LEVEL LANTERSVILLE	2.61 7.30 3.76 7.63	-	4.99 7.18 - 8.27 8.55	-	4.06 7.93 5.63 5.29	-	6.24 2.25 5.70 4.71	-	3.00 4.18 3.58 - 5.10	-	6.54 5.67 4.19 7.31	-	8.33 5.60 7.56 9.79 5.53	-	4.36 3.91 7.67 4.17 4.45	=	4.86 3.65 3.44 2.02 4.08	-	1.26 2.17 1.61 3.08 1.45	-	.33 1.00 .60 .23 .95	-	4.25 4.36 5.72 3.25 3.82	-	50.83	-
DEASANT GROVE SCH LEASANT HULL RAITVILLE RIMROSE - 4RM USHMATAHA	2.98 3.64 5.02	-1.30	4.00	-1.22	5.38		4.48 5.25 3.97		3.92 3.39 3.18 1.89	.06	3.31	1 4.14	10.03 5.62 8.29 4.75	-	3.81 5.23 5.87 4.18	11	4.79	-1.55 -2.43	2.03 3.20 1.99	.54	1.00 .08 1.09 .65	-2.20	2.62	-2.14 -2.21 55	50.26	.21
ED BAY EFORM IVEN FAILLS IVER FAILS 2 NF OBF (TNDALE / E	13.59 8.83 3.43 2.09	-1.07	2.93 6.90 5.17 4 64	50	5.29 6.46 5.20 7 08	36	2.30 2.53 8.83 - 9.81	4.27	2.44 4.98 4.28 3.40 3.21	08	3.99 4.43 3.28 4.48 12 99	92	10.55 7.34 17 23	4.11 7.71	5.40 4.59 4.90 5.90	93 -1.56	2.35 2.49 1.51 7.64	-2.33	3.98 3.20 1.83	87	.38 .86 .45 .39 78	-2.50 -2.60	3.13 5.09 5.31 - 3.54	.76	54.43	10.4
OCK WILLS AINT BEINARD AND WIN STA FRM AP AYRE COTTSBORG	4.18 11.79 11.27 10.90	-	6.43	1.23	6.71 5.98 7.15	.74	2.59 4.96 3.59	-2.25	4.72	-	6.68 4.52 6.07	2.41	6.51 5.57 5.48	1.41	1.50 2.52 3.63	-3.16	1.46 4.72 3.03 3.60 2.93	1.93	2.14 8.26 5.45 3.39 10.37		1.08	-2.64	4.67 4.03 3.32	86	45.65 60.24 60.19 71.56	18.9
COTTSBOAG SUESTA EALE 7 WAM ELMA HEFFIELD TVA NRSY HOEMAKER SPRINGS	12.26 4.51 11.51 13.85	17	8.46	3.20	5.71 5.72 4.69 5.83	.30	6.57 5.73 1.86 2.66	7 5H	6.87 4.81 3.00 4.52	1.08	7.19 4.41 5.11 10.26	.72	3.48 10.58 5.78 4.18 8.58	4.59	6.60 8 20 7.51 7.78 1.14	3.08	3.05 90 2.65 2.30 3.25	-1 65	9.39 3 11 1.40 4.77 2.79	01	1.81 90 .54 .61 .98	-1 59 -2.40			74.05 - 54.80 53.53	4.5
LOCOMB MITHSONIA NOW BILL OUTB BILL PRING HILL	5.56 11.53 3.09 11.51	-	5.84 3.56 7.87 5.20 6.57	1.05	2.54 6.54 6.99 5.80 7.55	1.69	8.79 - 3.25 4.23		2.22 - 4.55 0.01 3.63	-1.59	6.60 - 5.74 4.11 4.92		9.91 2.75 6.25 21.27	12.36	4.04 4.04 3.88	-3.29	1.22 4 04 9.98	4.53	1.21 1.56 2.91	-1.03	1.10	-3.03			63.17 - 44.55 61.71	-
SUTTLE WAIM SYLACAUCA SYLVAMIA CALLADEGA	14.91 5 21 11 92 4 93	0.1	4 90 5.49 6 34 6 61		6.80 6.19 5.71	-	5 n4 1 4, 1 32 2 67	- - 1 × 5	5 36 1 53 5 0 d 5		10.54 4.62 4.52 3.34	-	4 45 4 54 3 74 2 47	2,89		-	1.44 1.20 3.25 1.95	-	5.34 1.25 6.99 2.83	-	1.04 1.14 1.75 1.28		3.55 3.86 3.10 3.71 3.32	=	68.47 49.08 59.00	-
ALLADEGA BRS MT TO BOMASVILLE HORDBY 1 SM BURLOW DAM 1881E 2 S	4.52 5.18 5.94 4.17 3.51	- 53	5 55	- 18	5.67	2.24	1 03 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4 42	4 89 7 81	1,50	7 10	.10		3 15 1 78	3.17 8.30 3.35 3.61	3.53	.87 2.94 2.14 .67	40	2.16 1.20 1.53 3.06	-	.64	-2.74 -2.74 -1.37	4.42	-	41.99 60.49 53.30	6.7
ONEY TRAFFORD TRAF TUSTALOOSA CAA APT TUSTALOOSA ECK DAM	3 62 5 55 7 97	1.17 1.5a	8.17	1 #3	7 + 83	150	4 17 4 12 6 78 - 42 - 52	3 21 3 38	3 70 4.03 4 · 2 4 41 4 86	4.0	7 32 2 81 5 87 5 11 5 21	. 15	3,68		2.07 3.89 4.00 5.24 6.43	-1.29 .96	4.99 5.11 1.28 3.52 3.80	-2.98	3.62 3.05 4.60 2.58 2.94	2.15	.97 .48 .67 1.19	-2.84	3.75	10	61.63 - 51.26 54.20 60.33	- 2.8
UNKOGEE NION SPEINGS NIONT WS NIVE ITA ALLEY HEAD	2 '1 3 '4 3 '5 '4 10 #4	1128	9 9 8 7 407 7 0	1 20	1 LA	- 2	10 40 9 19 4 11 3 5 2	1 b	2 79 4 98 3 3 3 3	11	5 84 4 03 6 25 3 22	1 70 10 10 1 18 1 7	10 49 7 87 4 23 2.38 3 69	2 82 1 04 3 11	4.58 5.89 4.01	.39 1.61 55	1.23 - 2.69 4.17 4.17	-1.22 09 1.34 1.62	1.68 3.18 1.85 2.52 7.43	72 .27 51 38 3.98	.94	-2.24 -1.83 -2.65	4.41 3.64 3.28	-1.12 56 -1.59 -2.51	56.25	2.2
ANT SHOVE	3.62	1 =	7.54 5.37 4.93	-	8.85 7.66 - 6.07 5.57	1111	5 42 3.20	-	6.07 6.73 3.96		6.73		10.45	-	1,80 4,49 3,10 6,71 2,12	-	4.37	-	1.56 3.82 - 2.02 4.22	-	1.10 1.39 - .17 1.25	-	2.38 4.90 - 4.00 2.40	-	-	-
#NTERL XX WFO T PO K TON WFO WO KA WFO L Z L WFO Z L SAM	8.94 5.41 4.27 13.98	. 85	9.81 5.46 6.18 3.57	08	7.15 4.81 8.68 6.64	-1.05	7.50 3.17 2.23	3.11	3.73 4.44 5.51 3.05	.89	5.92 11.48 4.19 3.93	7.33	9.37 3.29 9.14 8.43 4.73	4.32	2.81 3.12 4.05 6.25 7.27	-1.08 68	1.10 6.14 1.42 3.03 3.03		4.15 2.25 1.61 2.05 3.57	.77 -1.08 -	.58 .84 1.17 .96 .99	-	3.08 3.08 3.25 4.77 4.23	-2.18	59.74 57.49 57.22	7.8
FI IN V	11.38 18.88 4.38	32	3.67 5.91 4.43 3.38	98	4.85 8.57 5.74 7.18	28	1.97 2.36 7.25 3.67	2.84	2.94 3.11 3.21 7.28	18	6.43 5.35 4.70 18.14	.81	4.83 1.24 6.78	1.52	7.70 5.82 5.42 6.32	.72	2.39 5.00 1.72 2.85	-1.04	5.10 2.60 2.47 6.05	13	.69 1.15 1.62 1.15	-1.55	4.33 5.71 4.29 3.25		56.25 65.64 52.01 72.47	-

	108t			Las	t spring minimu	n of	Fi	ret fall minimum	of		Io. of days between date	3
Station	High	Date	Lowest Date	24° or below	28° or below	32° or below	32° or below	28° or below	24° or below	24° or below	28° or below	32° or below
ALBERTVILLE ALEXANDER CITY ANDALUSIA ANNISTON ATMORE STATE FARM	97 96 98 99	7-30 7-31 7-29 7- 7	20 2- 1+ 18 1- 1 26 1- 1 18 1- 1 27 1- 1	3-16 (22°) 3-16 (24°) None 1-1 (18°) None	3-19 (27°) 3-20 (28°) 1-1 (26°) 3-16 (25°) 2-2 (28°)	3-20 (30°) 4-17 (30°) 3-19 (21°) 4-17 (31°) 2- 2 (28°)	11-4 (28°) 11-2 (31°) 11-19 (31°) 11-2 (31°) 11-19 (29°)	11- 4 (28°) 11- 4 (27°) 12-24 (27°) 11- 4 (26°) 12-24 (28°)	11-26 (24°) 11-18 (23°) None 11-19 (24°)	255 247 365 323 365	230 229 358 233 326	229 199 245 199 291
AUBURN BAY MINETTE BIRMINGHAM AIRPORT BIRMINGHAM CITY BREWTON	96 96 98 98	7-30 7-8+ 8-12 7-30	22 1-1 26 12-24 20 1-1+ 22 12-16 21 1-1	1-1 (22°) None 2-1 (24°) 2-1 (24°) 1-2 (22°)	3-16 (27°) 2- 1 (28°) 3-19 (26°) 3-16 (28°) 1- 2 (22°)	4-17 (31°) 2-1 (28°) 3-20 (31°) 3-19 (29°) 3-20 (31°)	11-4 (30°) 11-19 (32°) 11-3 (32°) 11-4 (31°) 11-2 (30°)	11-18 (28°) 12-16 (28°) 11- 4 (28°) 11-22 (26°) 11- 7 (28°)	None None 12-16 (20°) 12-16 (22°) 12-3 (24°)	364 365 319 319 336	247 319 230 251 310	201 292 228 230 227
CENTREVILLE CHATOM CITRONELLE CLANTON CORDOVA	99 - 95 98 98	7-10+ - 6-29+ 7-30+ 7-9+	27 12-16 23 1- 1+ 17 1- 1+	1- 2 (24°) 3-19 (24°)	3-19 (28°) 3-17 (28°) 2- 2 (27°) 3-20 (26°)	3-20 (29°) 	11-7 (32°) 11-2 (31°) 11-22 (30°) 11-4 (29°) 11-2 (32°)	11-19 (28°) 11-19 (25°) 12-16 (27°) 11-19 (25°) 11-4 (26°)	12-24 (22°) 11-23 (24°) None 12-24 (23°) 11-19 (22°)	- 365 357 245	245 274 291 229	232 - 247 266 200
DAYTON DECATUR DOTHAN AIRPORT EUFAULA EVERGREEN	97 95 99 101 96	9-18 7- 8+ 7-30 7- 6 7-30	22 12-16 19 1-30+ 25 1-1 24 1-1 22 1-1	3-1 (24°) None 1-1 (24°) 1-1 (22°)	2- 1 (26°) 3-17 (27°) 1- 1 (25°) 1- 2 (25°) 2- 2 (28°)	3-19 (29°) 3-20 (32°) 3-20 (31°) 3-19 (32°) 3-19 (30°)	11-4 (31°) 11-4 (31°) 11-19 (30°) 11-18 (31°) 11-4 (31°)	11-19 (28°) 11-22 (27°) None 11-19 (27°) 11-19 (27°)	12-16 (22°) 12-16 (22°) None None None	351 290 365 364 364	292 250 364 322 291	230 229 244 244 230
FAIRHOPE FAYETTE FORT MORGAN FRISCO CITY GADSDEN	96 98 96 100 100	8-12+ 7-11+ 8-13 7-31 7-30	23 12-24 12 2-1 35 1-30+ 25 1-1 16 12-16	None 3-16 (23°) - None 3-19 (24°)	None 3-20 (27°) - 2- 2 (27°) 3-20 (26°)	3-19 (32°) 3-20 (27°) - 3-19 (31°) 4-17 (29°)	11- 2 (32°) 11- 1 (31°) None 11-19 (28°) 11- 2 (30°)	11-22 (24°) 11- 4 (27°) None 11-19 (28°) 11- 4 (26°)	11-22 (24°) 11-19 (22°) None None 11-6 (24°)	327 248 - 365 232	327 239 - 291 229	228 226 - 245 199
GENEVA GOODWATER GREENSBORO GREENVILLE HALEYVILLE	99 96 99 97 93	7-31 7-30 8-12 7-30 8-13	24 1-1 21 1-1 22 1-1 24 1-1 17 2-1	1-1 (24°) 1-1 (21°) 1-31 (24°) 1-1 (24°) 3-16 (24°)	1- 2 (26°) 3-16 (26°) 3-16 (28°) 2- 1 (28°) 3-19 (28°)	3-19 (32°) 4-17 (30°) 3-18 (30°) 2- 2 (29°) 3-19 (28°)	11- 4 (31°) 11- 4 (28°) 11- 4 (32°) 11-19 (28°) 11- 1 (31°)	11-19 (27°) 11-4 (28°) 11-22 (26°) 11-19 (28°) 11-18 (27°)	None 12- 5 (24°) None None 11-22 (23°)	364 339 334 364 251	322 233 251 292 244	230 201 231 291 227
HIGHLAND HOME HUNTSVILLE LAFAYETTE LINCOLN LIVINGSTON	95 95 96 98 97	7-30 7-27+ 7-29+ 7-29 7-10	25 1- 1+ 18 1- 1+ 22 12-24 19 1- 1	None 3-16 (21°) 1-1 (23°) 3-16 (23°) 1-31 (24°)	2- 2 (28°) 3-19 (25°) 3-16 (25°) 3-20 (28°) 2-11 (28°)	3-19 (30°) 4-17 (32°) 3-20 (32°) 4-17 (30°) 3-20 (31°)	11- 4 (32°) 11- 3 (30°) 11- 4 (30°) 11- 2 (32°) 11- 4 (30°)	11-19 (25°) 11-4 (28°) 11-16 (25°) 11-4 (22°) 11-19 (26°)	None 11-26 (23°) 12-16 (24°) 11-18 (24°) 12-3 (24°)	365 255 350 247 307	291 230 245 229 282	230 200 229 199 229
LOCKHART MADISON MAXWELL FIELD MOBILE AIRPORT MOBILE CITY	98 96 98 96 97	7-31 7- 5+ 7-30 6-29+ 6-29	28	None 3-19 (24°) None None	1- 1 (28°) 3-19 (24°) 1- 1 (28°) 1- 1 (28°)	3-19 (32°) 4-17 (31°) 3-19 (32°) 3-19 (32°) 2- 1 (31°)	11-19 (30°) 11-4 (27°) 11-19 (31°) 11-22 (29°) 12-16 (32°)	12-24 (28°) 11- 4 (27°) 12-24 (28°) 12-16 (27°) None	None 11-22 (24°) None None None	365 248 365 365 365	358 230 358 350 365	245 201 245 248 319
MONTGOMERY AIRPORT MONTGOMERY CITY MUSCLE SHOALS ON BONTA OZARK	98 98 97 98 97	7-29+ 7-29+ 7-30 7-30 7-30	23 12-24 29 1- 1+ 13 2- 1 18 12-16 27 1- 1	None None 2-1 (13°) 3-1 (23°) None	1- 1 (26°) None 3-16 (25°) 3-16 (25°) 1- 1 (27°)	3-19 (31°) 3-16 (32°) 3-19 (31°) 4-17 (30°) 3-19 (31°)	11-7 (32°) 11-22 (32°) 11-1 (32°) 11-2 (31°) 11-19 (32°)	11-19 (28°) None 11-4 (28°) 11-4 (25°) 11-22 (28°)	12-24 (23°) Noze 11-26 (24°) 11-19 (23°) Noze	359 365 299 263 365	323 365 233 233 326	233 251 227 199 245
PRATTVILLE PUSHMATAHA ROBERTSDALE ROCE MILLS SAINT BERNARD	98 95 94 100 95	7-30 6-30 6± 7+ 7-29+ 7- 7+	24 1- 1 - 26 12-24 20 12- 6	1- 1 (24°) - None 3-16 (24°) 3-16 (22°)	1- 2 (27°) - None 3-17 (25°) 3-19 (28°)	3-19 (30°) 3-20 (30°) 3-19 (31°) 4-17 (30°) 4-17 (30°)	11-7 (32°) 11-2 (32°) 11-19 (29°) 11-2 (31°) 11-2 (32°)	11-18 (28°) 11-19 (27°) 12-24 (26°) 11-6 (28°) 11-4 (28°)	None 12-16 (22°) None 11-18 (23°) 11-19 (24°)	364 - 365 247 248	321 - 359 234 230	233 227 245 199 199
SAND MT STA FARM SCOTTSBORO SELMA SPRING HILL TALLADEGA	97 95 97 99	7-29 6-29+ 7-10+ 7-27	19 1- 1+ 26 1- 1+ - 17 1- 1	3-16 (21°) None None 3-16 (23°)	3-19 (26°) 2- 1 (28°) 3-19 (26°)	4-17 (32°) 3-19 (31°) 2-1 (29°) 4-17 (31°)	11-4 (26°) 11-4 (28°) 11-4 (32°) 11-22 (30°) 11-2 (31°)	11-4 (26°) 11-4 (28°) 11-19 (27°) 12-16 (28°) 11-4 (26°)	12-16 (19°) 11-23 (24°) None None 11-19 (23°)	252 365 365 248	230 292 351 230	201 230 295 199
THOMASVILLE TROY TUSCALOOSA AIRPORT TUSKEGEE UNION SPRINGS	97 98 99 96 -	7- 7 7-31 7-29+ 7-29+	22 1-30 27 12-24 20 1-1 24 11-23 26 1-1	2-2 (24°) None 2-1 (24°) None None	2- 2 (24°) 2- 1 (28°) 3-16 (27°) 1- 1 (25°) 1- 1 (26°)	3-19 (31°) 3-19 (31°) 3-20 (30°) 3-17 (30°) 3-19 (31°)	11-22 (28°) 11-19 (30°) 11- 4 (30°) 11- 4 (29°) 11- 4 (32°)	11-22 (28°) 11-22 (28°) 11-19 (26°) 11-23 (24°) 11-22 (28°)	12-16 (24°) Nome 12-16 (22°) 11-23 (24°) Nome	318 365 319 357 365	294 295 248 327 326	248 245 229 232 230
UNIVERSITY VALLEY HEAD WETUMPKA	98 95 96	8-11 7-29+ 7-29+	22 1- 1+ 15 12-16 25 1-11+	2- 1 (24°) 3-20 (22°) None	3-1 (28°) 4-17 (28°) 1-2 (25°)	3-19 (31°) 1-19 (32°) 3-19 (31°)	11- 4 (31°) 11- 2 (30°) 11-18 (32°)	11-19 (27°) 11-4 (24°) 11-19 (28°)	12-16 (23°) 11- 4 (24°) 12-16 (23°)	319 229 350	263 201 322	230 197 244

TOTAL EVAPORATION AND WIND MOVEMENT

Table 4

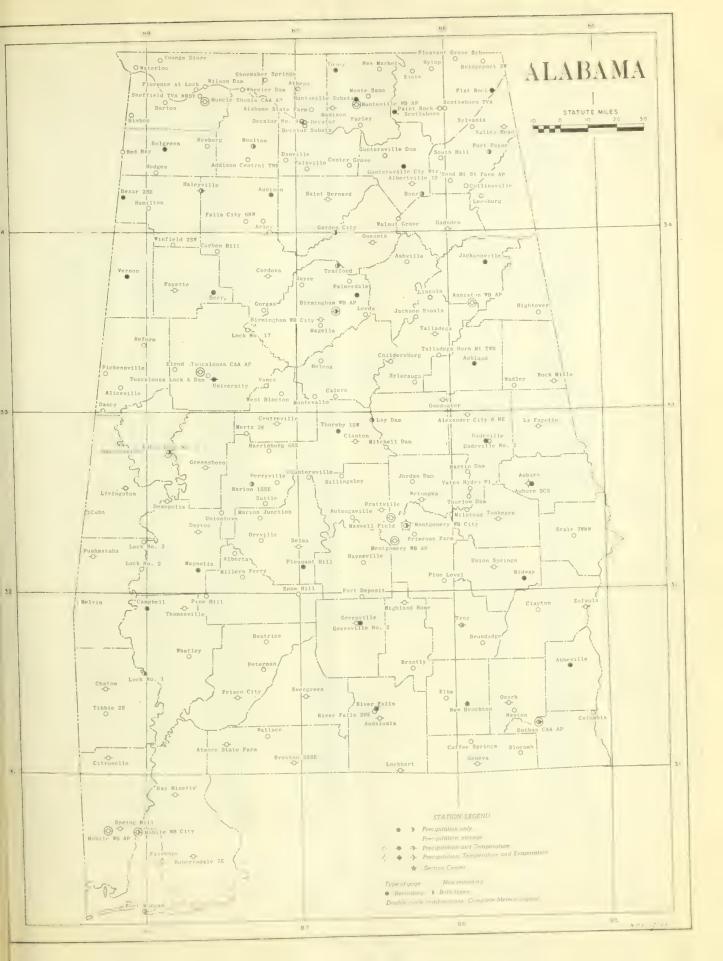
Station		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual	Departure fr normal
AUBURN	EVAP WIND	2.64 1603	2.73 1268	4.42 1448	6.03B 1269	7.82 1042	6.75 602	7.01 647	5.99 539	6.11 853	4.05 715	2.99 1011	1.95 1236	58.49 12233	
FAIRHOPE	EVAP DEP WIND	1.75 26 1108	2.18 18 908	3.56B 08 1086	4 82B 09 1113	6.62B .50 800	5.31B 89 575	5.06B 82 407	6.59 .98 651	4.49B 04 387	3.04 64 395	2.82 .45 790	1.79B .17 542	48.03 07 8772	

ACKNOWLEDGMENTS

ACKNOWLE ACK

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations there reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U. S. Weather Bureau, Washington 25, D. C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.



Station	ON County	Drainage † Latitude Longitude	Elevation	160	Precip.	Month daring	sed yr.	Refer to tables	Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	rec	Precip.	Opened during	osed	Refer to tables
ABBEVILLE ADDISON ADDISON CENTRAL TOWER ALABAMA STATE FARM ALBERTA	0008 HENRY 0063 WINSTON 0071 LAWRENCE 0117 LIMESTONE 0140 WILCOX	5 31 34 85 15 2 34 13 87 10 2 34 25 87 18 12 34 41 86 53 1 32 14 87 25	1500 600		5 9 9	JAN	Z 0	2 2 2 2 2 2	LEEDS LEESBURG †LINCOLN LIVINGSTON LOCKHART	4619 4627 4734 4798	JEFFERSON CHEROKEE TALLADEGA SUMTER COVINGTON	3 7 7 13	33 33 34 11 33 37 32 35	86 33 85 46 86 07 88 11 86 22	636 589 510 160 290	51	33 57 47 12	AUG	20	2 2 1 2 3 1 2 3 1 2 3
ALBERTVILLE 1 S ALEXANDER CITY 6 NE ALICEVILLE ANDALUSIA ANNISTON	0148 MARSHALL 0163 TALLAPOOSA 0178 PICKENS 0252 COVINGTON 0267 CALHOUN	12 34 16 86 13 11 32 59 85 52 13 33 08 88 10 6 31 19 86 36 7 33 40 85 50	1114	24 7 12 59	24 7 10 12 59	A	JUNE	1 2 3 1 2 3 2 1 2 3 1 2 3	LOCK NO 1 LOCK NO 2 LOCK NO 3 LOCK NO 4 LOCK NO 17	4830 4835 4840 4845	CLARKE CHOCTAW CHOCTAW TALLADEGA TUSCALOOSA	13 13 13 7	31 33 32 09 32 17 33 38		11 23 33 510 280	54	26 26 26 58		AUG	2 2 2 1 2 3
ANNISTON CAA AIRPORT ARLET ASHLAND ASHVILLE ATTERS	0272 CALHOUN 0338 WIMSTON 0369 CLAY 0377 ST CLAIR 0390 LIMESTONE	7 33 35 85 51 2 34 04 87 13 11 33 16 85 50 7 33 50 86 16 12 34 48 86 59	618 880 709	3	3 12 9 34			1 2 3 2 2 2 2 2	MADISON MAGGELLA MAGNOLIA MARION 1 SSE MARION JUNCTION	4976 4996 5004 5108	MADISON JEFFERSON MARENGO PERRY DALLAS	12 3 1 2	34 42 33 30 32 08 32 37	86 45 86 51 87 39	573 654 263 204	56	56 13 7 58 12			1 2 3 2 2 3 2
ATMORE STATE FARM AUBURN 1 AUBURN SCS 10 AUTAUGAVILLE BARTON	0402 ESCAMBIA 0422 LEE 0427 LEE 0440 AUTAUGA 0546 COLBERT	8 31 10 87 29 11 32 36 85 30 11 32 36 85 39 1 32 36 86 39 12 34 43 87 52	732	6 58	6 72 6 9	JAN		1 2 3 1 2 3 4 2 2	MARTIN DAM MARWELL FIELD MELVIN MERTZ 3 E MIDWAY	5202 5354 5382	TALLAPOOSA MONTGOMERY CHOCTAW BIBB BULLOCK	13	32 25 31 56 32 53	85 55 86 25 88 27 87 20 85 32	340 165 600	16	25 16 9 9			1 2 3 2 2 2 2
BAY MINETTE BELGREEN BELLE MINA 2 N BERRY	10583 BALDWIN 10616 MONROE 10631 FRANKLIN 10655 LIMESTONE 10748 FAYETTE	9 30 53 87 47 1 31 44 87 13 12 34 28 87 52 12 34 42 86 54 2 33 40 87 36	268 910 600	25	31 8 14	DEC		1 2 3 1 2 2 1 2 3 2	MILLERS FERRY MILSTEAD MITCHELL DAM MOBILE WB AIRPORT	5439	WILCOX WASHINGTON WACON CHILTON MOBILE	11 7	31 38 32 27 32 48	87 22 88 19 85 54 86 27 88 14	78 362 206 350 212	6	19 25 49 13		APR	1 2 3 2 2 1 2 3
BEXAR 2 SE BILLINGSLEY BIRMINGHAM WB AIRPORT BIRMINGHAM WB CITY BISHOP	0790 MARION 0823 AUTAUGA 0831 JEFFERSON 0836 JEFFERSON 0854 COLBERT	13 34 12 88 09 1 32 40 86 43 2 33 34 86 45 2 33 32 86 50 12 34 39 88 05	610 694 470	62	4 11 12 62 12			2 2 1 2 3 1 2 3	MOBILE WB CITY MONTE SANO MONTEVALLO MONTGOMERY WB AIRPORT MONTGOMERY WB CITY	5529 5537 5550		3	33 06	86 31 86 53	10 1650 462 198 201	78 6 78	79 10 9 6			1 2 3 2 2 1 2 3 1 2 3
BOAZ BRANTLEY BREWTON 3 SSE BRIDGEPORT 2 W BRUNDIDGE	0957 MARSHALL 1069 CRENSHAW 1084 ESCAMBIA 1099 JACKSON 1178 PIKE	2 34 13 86 10 6 31 35 86 16 6 31 04 87 03 12 34 56 85 44 5 31 43 85 49	284 85 660	32	9 20 35 54 20			2 2 1 2 3 2 2	MOULTON MUSCLE SHOALS CAA AIRPORT NEW BROCKTON NEWBURG MEW MARKET	5749 5842 5847	LAWRENCE COLBERT COFFEE FRANKLIN MADISON	112	34 44 31 23 34 29	87 17 87 36 85 56 87 35 86 26	630 540 660 725	60	11 66 9	JAN		1 2 3 2 2 2 2
CALERA CAMPBELL CAMP HILL 2 NW CARBON HILL CENTER GROVE	1288 SHELBY 1315 CLARKE 1324 TALLAPOOSA 1377 WALKER 1492 MORGAN	7 33 06 86 45 13 31 55 87 59 11 32 50 85 39 2 33 54 87 32 12 34 23 86 38	430		50 9	DEC		2 2 1 2 3 2 2	NEWTON ONEONTA ORRVILLE OZARK PAINT ROCK	6121 6161 6218	DALE BLOUNT DALLAS DALE JACKSON	1 1 5	33 57 32 18 31 23	85 37 86 30 87 14 85 39 86 20	216 857 200 400 610	39	34 48 9 60 14			2 1 2 3 2 1 2 3 2
CENTER STAR CENTREVILLE CHATOM CHILDERSBURG CITRONELLE	1497 LAUDERDALE 1520 BIBB 1566 WASHINGTON 1615 TALLADEGA 1685 MOBILE	12 34 49 87 25 3 32 57 87 08 13 31 28 88 15 7 33 17 86 21 9 31 05 88 14	230 540		33 13 62	JAN /	\PR	2 1 2 3 1 2 3 2 1 2 3	PALMERDALE PERRYVILLE PETERMAN PICKENSVILLE PINE HILL	6362 6370 6414	JEFFERSON PERRY MONROE PICKENS WILCOX	1 1 1 1 1 1 3	32 37 31 35 33 13	86 39 87 08 87 16 88 16 87 36	110		2 8 9 9			2 2 2 2 2
CLANTON CLAYTON COFFEE SPRINGS COLLINSVILLE COLUMBIA	1694 CHILTON 1725 BARBOUR 1807 GENEVA 1849 DE KALB 1865 HOUSTON	7 32 51 86 38 4 31 53 85 27 4 31 10 85 55 7 34 15 85 52 5 31 18 85 06	590 590 255 734 130	57	57 22 27 12			1 2 3 2 2 2 2 2	PINE LEVEL PLANTERSVILLE PLEASANT GROVE SCHOOL PLEASANT HILL PRATTVILLE	6508 6521 6526	MONTGOMERY DALLAS JACKSON DALLAS AUTAUGA	12	32 39 34 57 32 09	86 04 86 56 85 55 86 58 86 28	633	51	10 10 5 48	MAY		2 2 2 2 1 2 3
CORDOVA CUBA DADEVILLE DADEVILLE NO 2 DANCY	1940 WALKER 2079 SUMTER 2119 TALLAPOOSA 2124 TALLAPOOSA 2141 PICKENS	2 33 46 87 11 13 32 26 88 23 11 32 50 85 45 11 32 50 85 46 13 33 01 88 17	334 215 760 208	29	47 10 37 9 44			1 2 3 2 2 2 2 2	PRIMROSE FARM PUSHMATARA RED BAY REFORM RIVER FALLS	6719 6805 6847	MONTGOMERY CHOCTAW FRANKLIN PICKENS COVINGTON	13	34 27 33 23	86 15 88 21 88 09 88 01 86 32	180	59	29 59 12 22	JAN		2 1 2 3 2 2 2
DANVILLE DAYTON DECATUR DECATUR NO 4 DECATUR SUBSTATION	2149 MORGAN 2188 MARENGO 2207 MORGAN 2216 MORGAN 2221 MORGAN	4 34 25 87 04 13 32 21 87 39 12 34 37 86 58 12 34 37 86 59 12 34 36 86 58	573 600	2 68	10 71	JAN JAN JAN		1 2 3 1 2 3 2 2	RIVER FALLS 2 NE ROBERTSDALE 7 E ROCK MILLS SAINT BERNARD \$AND MT STA FARM AP	7157	BALDWIN RANDOLPH	5 2	33 09	86 33 87 48 85 18 86 47 85 58	148 745 802 1195	20 15 43	6 38 19 43	JAN		2 1 2 3 1 2 3 1 2 3
TDEMOPOLIS LOCK 4 DOTHAN CAA AIRPORT BLBA ELROD BUFAULA	2240 MARENGO 2372 HOUSTON 2577 COFFEE 2632 TUSCALOOSA 2727 BARBOUR	13 32 31 87 51 5 31 15 85 27 10 31 25 86 04 13 33 15 87 48 4 31 53 85 08	100 322 204 254	12	60 32 22 10 66			2 1 2 3 2 2 1 2 3	SCOTTSBORO SCOTTSBORO SUBSTATION SEALE 7 WNW SELMA SHEFFIELD TVA NRSY	7328 7366	JACKSON JACKSON RUSSELL DALLAS COLBERT	12	34 41 32 18 32 25	86 02 86 01 85 17 87 00 87 42	652 660 358 147 505	70	68 25 70 15	JAN		1 2 3 2 2 1 2 3
EUTAW LOCK NO 7 EVERGREEN EVERGREEN CAA AIRPORT FAIRHOPE FALCO 5 NE	2742 GREENE 2758 CONECUH 2763 CONECUH 2813 BALDWIN 2832 COVINGTON	4 32 47 87 50 6 31 26 86 58 6 31 25 87 02 9 30 32 87 55 9 31 06 86 33	340 257 23	66	13 66 32 32	NOA		2 1 2 3 1 2 3 1 2 3 4	SHOEMAKER SPRINGS SLOCOMB SMITHSONIA SNOW BILL SOUTH HILL	7576 7599 7620	LIMESTONE GENEVA LAUDERDALE WILCOX DE KALB	12	31 06 34 46 32 00	87 12 85 35 87 51 87 01 86 02	500 225 990		2 12 14	JAN JAN	APR	2 2 2 2 2
FALKYILLE FALLS CITY 6 NW FAVETTE FLAT ROCK FLORENCE AT LOCK	2840 MORGAN 2848 WINSTON 2883 FAYETTE 2945 JACKSON 2976 LAUDERDALE	12 34 22 86 55 2 34 04 87 20 13 33 41 87 50 12 34 46 85 41 12 34 47 87 40	620 650 359 1380 450		11 9 24 11 66			2 2 1 2 3 2	SPRING HILL SUTTLE STAIM SYLACAUGA SYLYANIA	7968 7968 7994	MOBILE PERRY JACKSON TALLADEGA DE KALB	12	32 32 34 53 33 10	88 10 87 11 86 13 86 13 85 49	175 665 548 1400	37	38 11 14 11	OCT		1 2 3 2 2 2 2
FORT DEPOSIT FORT MORGAN FORT PAYNE FRISCO CITY GADSDEN	3024 LOWNDES 3035 BALDWIN 3043 DE KALB 3105 MONROE 3151 ETOWAH	6 31 59 86 35 9 30 14 88 01 7 34 26 85 43 8 31 26 87 24 7 34 01 86 00		1 64	50 9 8 20 66			2. 1 2 3 2 1 2 3 1 2 3	TALLADEGA TALLADEGA HORN MTN. TOWER THOMASVILLE THORSBY 1 SW THURLOW DAM	8178	TALLADEGA TALLADEGA CLARKE CHILTON ELMORE	13	33 18 31 55 32 54	86 06 86 04 87 45 86 44 85 54	554 1919 385	60 58	61 59 6			1 2 3 2 1 2 3 2
GAINESVILLE GARDEN CITY GENEVA GOODWATER GORGAS	3160 SUMTER 3200 CULLMAN 3255 GENEVA 3399 COOSA 3430 WALKER	13 32 49 88 09 2 34 00 36 44 4 31 02 85 52 7 33 04 86 03 2 33 39 87 13	107 826	12 57	13 9 25 57			2 2 1 2 3 1 2 3	TIBBLE 2 S TONEY TRAFFORD TROY TUSCALOOSA CAA AIRPORT	8259 8285 8323		13 12 2 10	31 20 34 54 33 49 31 49	88 15 86 44 86 44 85 58 87 37	226 750 590 170	42	10 8 8 54 71			2 2 2 1 2 3 1 2 3
GREENSBORO GREENVILLE GREENVILLE NO 2 GULF SHORES 2 SSE GUNTERSVILLE	3511 HALE 3519 BUTLER 3524 BUTLER 3559 BALDWIN 3573 MARSHALL	2 32 42 87 36 6 31 50 86 38 6 31 50 86 38 9 30 16 87 40 12 34 21 86 18	10	71	82 51 9		JAN	1 2 3 1 2 3 2 2	TUSCALOOSA LOCE & DAM TUSREGEE UNION SPRINGS UNION TOWN UNIVERSITY	8385 8398 8438 8446	TUSCALOOSA	2 11 6	33 13 32 24 32 08 32 27	87 35 85 42 85 44 87 31 87 33	152 459 485 273 225	51 63	23 51 83 41 71			2 1 2 3 1 2 3 2 1 2 3
GUNTERSVILLE CITY WATER GUNTERSVILLE DAM HALEYVILLE HAMILTON HARRISBURG 6 SE	3578 MARSHALL 3583 MARSHALL 3620 WINSTON 3644 MARION 3697 PERRY	12 34 22 86 17 12 34 26 86 24 2 34 14 87 38 13 34 08 87 55 3 32 48 87 11	610 611 947 498	13	7 14 13 34 9			2 2 1 2 3 2 2	VALLEY HEAD VANCE VERMON WADLEY WALLACE	8469 8477 8517 8605	DE KALB TUSCALOOSA LAMAR	7 3 13	34 34 33 10 33 45 33 08	85 36 87 13 88 07 85 34 87 13	1031 180 640	65	65 9 9 16 9			1 2 3 2 2 2 2
RAYNEVILLE RELENA RIGHLAND ROME HIGHTOWER HODGES	3748 LOWNDES 3783 SHELBY 3816 CRENSHAW 3842 CLEBURNE 3899 FRANKLIN	1 32 11 86 35 3 33 18 86 51 6 31 57 86 19 11 33 32 85 24 13 34 20 87 56	594	58	11 37 58 6			2 2 1 2 3 2 2	WALNUT GROVE WATERLOO WEST BLOCTON WETUMPKA WHATLEY	8648 8686 8809	ETOWAH LAUDERDALE BIBB ELMORE	12 12 3	34 04 34 55 33 07 32 32	86 19 88 04 87 07 86 12 87 43	850 445 205	54	8 53 9 58			2 2 2 1 2 3
HUNTSVILLE SUBSTATION HUNTSVILLE HYTOP JACKSON SHOALS JACKSONVILLE	4060 MADISON 4068 MADISON 4099 JACKSON 4198 TALLADEGA 4209 CALHOUN	12 34 43 86 35 12 34 42 86 35 12 34 54 86 05 7 33 32 86 12 7 33 49 85 45	611 610	11	26 15 13 7	JAN		1 2 3 2 2 2	WHEELER DAM WILSON DAM WINFIELD 2 SW TATES HYDRO PLANT YOUNGS STORE	8875 8980 8998 9103	LAWRENCE COLBERT FAYETTE	12 12 13 11	34 47 34 48 33 56 32 34	87 21	580 530 468 335 840		14 16 59	JAN JAN		2 2 2 2 2
JORDAN DAM LA PAYETTE LAY DAM	4306 ELMORE 4502 CHAMBERS 4603 COOSA	7 32 37 86 15 11 32 54 85 24 7 32 58 86 31	290 830 420		13			1 2 3	‡ SAYRE		JEFFERSON		33 43	i	304		12			2

^{\$ 1-}ALABAMA; 2-BLACK WARRIOR; 3-CARABA; 4-CBATTABOOCREE, 5-CBOCTAWRATCHEE, 6-CONECUB, 7-COOSA; 8-ESCAMBIA; 9-GULF; 10-PEA; 11-TALLAPOOSA; 12-TENNESSEE; 13-TOMBIGBEE

- CHAMGE OF NAMES

 † Auburn SCS 10 Formerly Auburn 4 N prior to February

 † Bridgeport 2 W Formerly Bridgeport prior to January
- † Demopolis Lock 4 Formerly Demopolis prior to January
- † Tibbie 2 S Formerly Tibbie prior to April † Lincoln Formerly Lock 4, Latitude 33°38', Longitude 86°11' prior to August

CLENSON COLLEGE LIBRARY

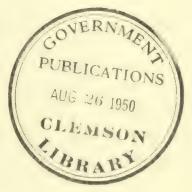
U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary

WEATHER BUREAU F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ALABAMA



JANUARY 1950 Volume LVI No. 1



ALABAMA - JANUARY 1950

A. R. Long, Section Director - Montgomery

Weather Summary

In all sections of the State this was the warmest January ever recorded. The State mean temperature is year was 60.2°. The second highest mean January temperature for Alabama was 58.7° in 1937. It is true that the mean at Gadsden was not quite as high as in 1937, but this is due most? to a different location and partly to daily readings at that station being made in the early morning instead of in the late afternoon, as was done in 1937. At the old Birmingham City Office of the Weather Bureau, the mean this January was 3.4° higher than ever recorded before, while at Montgomery, the mean was 2.4° higher than any previous record. The mean at Mobile was 65.2°, which was 2.2° warmer than the second warmest January at that station, and 4.8° higher than the normal for Tampa, Florida. At each of the three old first order stations, maximum temperature records for several individual dates were broken, but for the month as a whole, no new absolute high records were established.

Temperature changes in the extreme north were more pronounced and more frequent than in the south, but even in that area freezing occurred only on the 7th, 8th, and 20th. Temperatures of 32° or lower occurred in a few localities in the Southern Division, and at the majority of stations in the Middle Division, on the 8th.

Rainfall for the mouth was heavy in the northwestern third of the State, but light in the southeastern two thirds, as shown by the chart below. Heavy flood producing rain fell in the Warrior and Torbigbee watersheds on the 5th and 6th, and throughout most of the month precipitation was heavier and more frequent in the north than in the south.

Under the influence of continued mild temperatures, winter grains, legumes, and wild pasture grainses, overcame the setback due to the late autumn drought, and were making heavy growth at the end of the month. Pear trees were in full bloom at this time, and much other vegetation was abnormally advanced, but most deciduous trees showed little tendency to bud out since they had not been dormant a sufficient length of time.

In the northwest and extreme north, little field work was accomplished on account of wet soil. Elsewhere good progress was made breaking land and the planting of Irish potatoes near the coast was nearly completed.

Although there was considerable flooding in the Warrior and Tombigbee Rivers as a result of the rain on the 5th and 6th, these streams are normally frequented by winter floods, and damage was not heavy. There was much loss of grazing time by cattle which had to be driven from extensive areas; but in the long run, this is more than compensated for by the enrichment of the soil by flood water.

No severe local storms were reported.

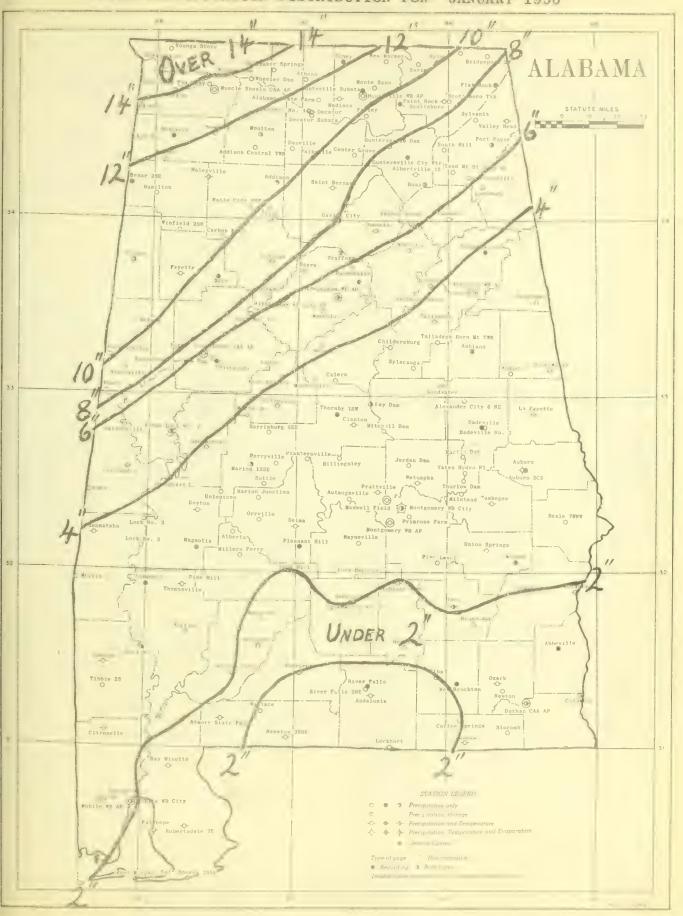
FCP

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gage-mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation station in order to provide records of rainfall intensity which were essential to the plauning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimat Network stations were presented in bullctins (Hydrologic Bulletins) which were issued motthly for each of 8 drainage areas embracing the entire Unite States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Eulletin Series are available for inspection may be obtained upon application to Chief, U.S. Wearher Bureau, Washington 25. D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.



SUPPLEMENTAL DATA

ALABAM JANUARY 195

																			01,110,	111 150
	Wind	direction		Wind m.	speed p. h.		Relati		idity ave	rages -		Numl	per of d	ys with	precip	itation			nset	
Station	Prevailing	Percent of time from prevailing	Average	Fastest	Direction of fastest mile	Date of fastest mile	12;30 a CST	6:30 a CST	12:30 p	6:30 p	Trace	.01–.09	.1049	.5099	1.00-1.99	2.00 and over	Total	Percent of possible sunsbine	Average sky cover sunrise to su	Degree days
ANNISTON WB AIRPORT	ENE	19	9.1	-	-	-	85	91	75	84	6	6	6	3	0	0	21	-	8.9	246
BIRMINGHAM WB AIRPORT	S	23	10.3	33	NW	26	85	89	75	79	10	5	9	1	1	0	26	17	8.9	218
MOBILE WE CITY	SET	23†	13,1	31	SE	25	92†	96†	69†	88†	0	4	1	2	1	0	8	39	7.2	68
MONTGOMERY WB CITY	st	19†	7.9	21	SW	10	89†	93†	66†	76†	10	6	2	0	1	0	19	31	8,1	121
† AIRPORT DATA																				

Table 1

COMPARATIVE DATA

Table 1																	
		Temperatur	9	Precipi	tation			l'emperature		Precipi	itation			Temperatur	9	Precip	itation
Year	Average	Highest	Lowest	Average	No. of days .01 or more	Year	Average	Highest	Lowest	Āverage	No. of days	Year	Average	Highest	Lowest	Āverage	No. of days .01 or more
1884 1885 1886 1887 1888	38.8 43.2 37.3 43.5 46.1	74 76 72 77 78	4 7 -7 1	5.58 8.77 7.05 4.17 4.76	10 7 6 10	1909 1910 1911 1912 1913	50.4 45.9 50.9 40.8 52.2	82 79 82 79 86	3 7 -2 -6 19	2.09 3.53 4.23 6.03 6.12	7 6 7 8	1934 1935 1936 1937 1938	50.2 48.8 45.7 58.7 48.1	79 81 80 86 81	5 7 -11 22 11	3.71 2.53 12.34 8.54 3.39	9 7 13 16 9
1889 1890 1891 1892 1893	46.0 56.1 45.4 41.4 40.5	81 84 80 77 79	15 17 18 10 -8	6.06 3.13 5.51 7.75 2.68	10 7 11 8 4	1914 1915 1916 1917 1918	48.0 43.7 52.9 50.6 38.2	82 81 84 84 79	16 15 6 13 - <u>17</u>	2.19 6.17 3.97 6.60 7.35	5 9 8 14 10	1939 1940 1941 1942 1943	51.0 34.2 48.1 43.3 49.4	80 75 79 78 85	21 -16 17 0	4.81 4.34 2.74 3.37 4.07	10 8 7 6 7
1894 1895 1896 1897 1898	50.1 44.1 44.5 43.0 49.8	82 81 78 83 88	3 1 9 -7 11	4.60 7.41 4.22 3.53 4.04	10 12 7 7 10	1919 1920 1921 1922 1923	44.5 48.0 50.0 47.4 52.1	77 81 79 79 81	-11 10 18 15 23	5.84 6.80 3.23 7.06 4.00	9 12 7 13 8	1944 1945 1946 1947 1948	47.1 46.9 48.4 51.1 40.4	83 77 80 83 77	1 13 11 17 1	3.62 4.00 8.42 10.07 4.52	8 9 13 16 11
1899 1900 1901 1902 1903	44.8 44.4 46.5 43.6 44.0	81 74 75 76 84	10 6 19 10 10	5,66 3,33 5,20 3,82 3,57	11 6 8 8 8	1924 1925 1926 1927 1928	41.8 48.4 45.3 49.2 45.0	75 82 77 85 81	-2 14 13 4 -2	6.67 9.67 8.23 1.14 1.57	8 12 10 4 5	1949 1950 Period	54.3 60.2 46.9	85 83	15 22	6.58 4.58 4.86	
1904 1905 1906 1907 1908	42.1 39.5 47.6 54.7 44.7	73 77 80 84 78	9 1 15 13 10	4.27 5.24 4.66 2.19 4.33	8 9 6 9	1929 1930 1931 1932 1933	48.9 46.0 45.0 53.5 52.6	84 82 78 83 81	13 1 11 18 18	5.67 4.45 3.11 7.20 3.17	10 8 6 10 7						

Table 2			_						0.101	IL DE							JANUA	RY 1950
				Tempera	ture						.,	,	Precipitat	ion		,		
		Te	ı		1		No. o	f Days		7			Sno	w, Sleet, H	اله	D.	lo. of Da	y y
Station	Average	Departure from Normal	Highest	Date	Lowest	Date	Max. 90° or above	Min. 32° or below	Total	Departure from Normal	reatest Day	Date	Total	Max. Depth on Ground	Date	l or more	S oz more	.00 or more
		H	1 121				2	2,	[Α	ď	-	F	₹ ७	Ω	0.	25	1 3
NORTHERN DIVISION ALBERTVILLE 1 S ANNISTON WB AIRPORT BELLE MINA 2 N BIRMINGRAM WB AIRPORT BIRMINGRAM WB CITY	55.4 57.7 54.2 58.9 60.0	11.7 16.1 14.9	76 80 77 78 78	26 25 26 24+ 24+	25 28 25 30 30	8 8 8 7	0 0 0 0 0	3 2 4 2 2	7.21 4.50 10.57 4.51 5.43	2.06 - 0.65 - 1.01 - 0.09	2.21 0.99 4.23 1.75 2.35	6 10 6 6	0 0 0 0 0			10 15 15 16 20	4 6 9 3 5	4 0 2 1
CORDOVA DECATUR FAYETTE GADSDEN GOODWATER	59.7 55.9 57.0 54.6 57.5	14.7 13.5 11.0 11.8	80 78 79 80 79	30 25 27 26 26+	30 28 26 23 31	7 7+ 7 8 8	0 0 0 0	1 3 2 3 2	8.34 10.09 11.32 4.73 2.91	3.15 5.46 6.12 - 0.45 - 2.36	3.81 4.62 6.14 0.83 0.76	6 6 7 11	0 0 0 0			9 20 15 18 13	6 9 6 4	3 2 3 0
HALEYVILLE BUNTSVILLE LINCOLN MADISON MUSCLE SHOALS CAA AIRPORT	56.0 54.9 59.1M 55.9 53.9	13.7	77 77 80 78 77	26 25 25 25+ 25+	23 26 24 26 24	7 8 8 8 7	0 0 0 0	3 3 1 3 4	11.41 9.08 5.00 9.76 13.09	4.35 5.13 8.23	5.14 3.29 0.83 3.75 3.39	6 5 10 6 5	0 0 0 0 0			15 18 11 17 21	7 8 7 8	3 2 0 2 3
ONEONTA ROCK MILLS SAINT BERNARD SAND MTN STA FARM AIRPORT SCOTTSBORO	55.4 57.9 54.0 54.5 55.9	12.6 10.9 13.2	78 80 76 76 78	26+ 25 26 25 24+	28 24 27 24 27	8 8 9 8	0 0 0 0	3 1 5 2 3	6.36 3.32 8.88 7.48 8.56	1.10 - 1.68 3.37 3.74	1.50 1.85 3.35 2.78 3.22	7 11 6 6 6	0 0 0 0			11 16 20 15 16	8 3 10 8 8	1 1 2 2 2
TALLADEGA TUSCALOOSA CAA AIRPORT UNIVERSITY VALLEY HEAD	59.1 60.6 59.7 54.5	13.0 15.3 14.4 13.6	80 81 79 77	25 24+ 24+ 25+	24 27 29 22	8 8 7 8	0 0 0	1 2 2 2	3.78 5.26 5.33 6.16	- 1.12 0.19 0.26 1.31	0.94 2.24 2.32 2.08	10 6 6 6	0 0 0 T	T	21	14 18 17 9	5 6 5	0 1 1 3
DIVISION MIDDLE DIVISION	56.8								7.21				T					
ALEXANDER CITY 6 NE AUBURN CAMP HILL 2 N CENTREVILLE CLANTON	59.3 58.9 58.4 62.6M 59.3	10.7 16.0 12.8	79 79 79 80 80	25+ 26 26 24+ 31	23 30 22 30 28	8 8 8 8	0 0 0 0 0	1 1 2 1 3	3.43 2.79 2.71 3.39 2.36	- 1.81 - 1.98 - 2.84	0.83 1.68 0.90 1.29 0.85	10 11 10 11 11	0 0 0 0 0			14 9 7 11 7	5 2 4 3 3	0 1 0 1 0
DATTON EUFAULA GREENSBORO GREENVILLE HIGHLAND HOME	63.4 63.5 61.6 64.6 64.3	15.2 14.7 15.7 14.2	81 82 80 81 81	26 26 24+ 26 26	28 29 28 34 33	8 8 8 8	0 0 0 0	2 1 2 0 0	2.80 1.87 2.60 2.03 1.71	- 2.48 - 2.35 - 2.48 - 3.00	0.88 1.44 0.86 0.62 0.58	16 11 10 11 11	0 0 0 0 0			11 3 10 11 10	0 2 4 3 2	0 1 0 0
LA FAYETTE LIVINGSTON MAXWELL FIELD MONTGOMERY WB AIRPORT MONTGOMERY WB CITY	59.4 61.7 63.0 62.1 62.8	16.3	80 81 80 81 81	25+ 31 24+ 24+ 30	26 27 33 30 35	8 8 8 8	0 0 0 0	1 2 0 1	2.48 4.77 2.35 2.21 2.23	0.24	2.55 1.29 1.34 1.37	6 10 10 10	0 0 0 0			10 10 7 11 9	0 4 0 2 2	0
PRATTVILLE PUSHMATAHA SELMA THOMASVILLE TROY	62.2 61.5 63.9 63.0 62.9M	14.0 12.9 14.5 14.5 11.8	82 83 83 83 81	30 27 30 26 27+	34 28 30 31 34	7 8 8 7+ 8	0 0 0 0	0 3 1 2 0		- 2.74 - 2.95 - 2.07 - 1.56 - 2.10	0.68 0.75 0.78 1.25 1.08	6 17 11 11	0 0 0			8 5 10 5 9	3 4 3 4 3	0 0 0 1 1
TUSKEGEE UNION SPRINGS WETUMPKA DIVISION	61.2 62.8M 62.4	12.0 14.7 13.7	81 80	27 30+	30 34 31	8 8 8	0 0	1 0 1		- 1.76 - 0.70 - 1.90	1.38 2.30 1.24	11 11 11	0 0			12 9 7	3 3	1 1 1
SOUTHERN DIVISION ANDALUSIA ATMORE STATE PARM BAY MINETTE BREWTON 3 SSE CRATON	64.9 66.5 65.9 65.1 63.9	13.0 15.6	82 82 81 83 83	17+ 30 24 16 26	36 35 35 28 27	8 7+ 8 8	0 0 0 0	0 0 0 1 2	2.16 1.32 1.77 3.08 3.00	- 2.76 - 1.62	0.72 0.60 0.81 0.82 0.85	7 11 11 4 6	0 0 0 0			13 4 8 9	3 2 2 5 3	0 0 0 0
CITRONELLE DOTHAN CAA AIRPORT EVERGREEN EVERGREEN CAA AIRPORT FAIRHOPE	65.5 65.0 85.7M 63.8 64.0	13.0 15.1 16.3 10.8	82 82 82 82 81	30 16+ 27 24+ 16+	34 34 36 31 33	7+ 8 7 8 7	0 0 0 0	0 0 0 1	1.71 2.14 1.53	- 0.79 - 2.78 - 2.36 - 2.97 - 3.09	2.15 0.81 0.69 0.64 0.55	10 11 7 10 11	0 0 0			8 8 10 8 4	5 2 3 2 2	1 0 0 0
FORT MORGAN FRISCO CITY GENEVA LOCKHART MOBILE WB AIRPORT WOBILE WB CITY	66.1 65.1M 65.2 65.2 64.6 65.2	13.7	77 80 83 82 79 78	25+ 25+ 27 28 16+ 19	44 30 32 35 34 38	8 8 8 7	0 0 0 0 0	0 1 1 0 0 0 0	1.58 4.39 2.22	- 1.98 - 2.97 - 1.98	0.60 1.21 0.61 1.95 1.37 1.11	6 11 11 28 6 27	0 0 0 0			3 8 11 14 8 8	2 1 3 1 3 2 3	0 1 0 1 1 1 1 1
OZARE ROBERTSDALE 7 E SPRING HILL	65.2 66.0 64.6M	14.4	81 78 81	16+ 5+ 17	34 37 34	8 7 8	0 0	0 0	1.30		0.57 0.52 1.22	7+ 10 7	0 0			11 9 3	2 2	0 0 1
DIVISION	65.1	13.3	1						2.23 4.58	- 0,28			0					
OFFICE .	00.2	10.0																

Table 3										-		-				D	1	anal											-			NUARY	
Station		-	2	3	4	5	6	7	8	9	10	11	12	13	14	I5	of me	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
ALEXANDER CTY 6 NE ABBEVILLE ADDISON ADDISON CNTRL TOWER ALBERTA	R			. 05	.30	3.82	0	. 03 6. 95 . 95	*	.10	.83 .19 .89 .89	.40 .69 .01	.04	.10 .10 .27 .42	.05		. 67	.04	. 04	.10 .08 .15	. 68				.13		. 67	03 .02 .22	. 01	. 04	.02	.20	3.43 1.86 10.09 10.74 3.33
ALBERTVILLE 1 S ALICEVILLE ANDALUSIA ANNISTON WB AIRPORT ARLEY		. 03 T		. 05	.06 .19 .04	.97 .03	2.21 .15 .74 4.81	1.09 6.50 .72		. 15	. 99	. 76 . 30 . 05	. 03 . 04 . 35	.04	1.70 .45 .09 .24	т	.38	. 91	.10 .09 T	. 20	.27	T				Т		1.71 1.35 .08 .31 1.38	.05	.04 T	.15	.08	7.21 10.18 2.16 4.50 10.92
ASHLAND ASHVILLE ATHENS ATMORE STATE FARM AUBURN	//R Z R			. 53	. 28 . 14 . 01 . 10 . 04		. 67 . 45 3. 84 . 57	1.33 1.09 .05			.76	.64 .80 .60	.15	. 08 . 04 . 50	.12 .33 .43	. 10	.34	.33	.13	.18	.10		. 05			. 06		. 25 . 45 . 55	.08		.03	. 02	3.17 4.47 14.25 1.32 2.79
AUBURN SCS 10 BARTON BAY MINETTE BEATRICE BELGREEN	R		.11	. 08	. 21	1.75 .10 3.68	. 55	2.10 .85 .13			1.57 .38	. 81	.72	. 05	.08	. 32	1.16	. 93	.45	.04 2.10 .04	.15					.08	.04	. 18	1.52	.16	.10 .23 .02	. 05	2.63 17.06 1.77
BELLE MINA 2 N BERRY BEXAR 2 SE BILLINGSLEY BIRMINGHAM WB APT	R R	. 02	.02	. 10 T	. 28 - . 75	2.41 4.61	4.23 3.11 2.84 1.75	. 62		.08	. 93 . 72	. 87 . 02 . 95 . 01	. 52 . 08 . 67	.14	. 58 . 15 . 20 . 21	.17	.18	.10 .32 .02 .48 .08	.18 .02	. 68	.11 T	т		T		. 07	. 56 . 11	.63 .20 .18	.10 T	.03	.12 .03	-	10.61 2.50 4.51
BIRMINGHAM WB CITY BISHOP BRANTLY BREWTON 3 SSE BRUNDIDGE			.18	. 30	.07 .05 .10 .82	2.10	2.35 2.20 .08	. 03 . 55 . 42 . 44 . 87		. 20	. 92	.06 .85 .52 .35	. 60	.01	.32 .50 .20 .10	.14	. 22	. 13	T .67	. 28 . 50	T .64	T	.01		.14	. 07		. 28 . 35	. 02 . 50	.04 T	1.70 T	.03	5.43 12.55 1.37 3.08 1.97
CALERA CAMDEN CAMPBELL CAMP HILL 2 N CARBON HILL	R	-	-	.10	.07	.03	.01 .90 .53 6.00	. 98	-	. 05	1,10 .85 .90	.10	.06	. 13	.02	.09	. 28 . 58 . 62 . 40	. 45 . 05 . 01	.04	. 09	. 40	.04						. 13	.03 T	.01	.10	T.07	3.32 2.86 2.71 12.77
CENTER GROVE CENTREVILLE CHATOM CHILDERSBURG CITRONELLE			.10	T	.17 .04 .03	.19 .02 .15	2,22 .20 .85	. 20 . 94 . 85			.08	1.08 1.29 .81 1.03	.02	. 19	.50 .22 .12 .18	.14	.17 .30 .70 .15	. 22 . 21 . 04 . 65	. 34	.10	.34 .03 .04 .15				.19			1.12 .08 .05 .27 .51	. 28	. 19	. 42	T	8.39 3.39 3.00 3.84 4.31
CLANTON CLAYTON COFFEE SPRINGS COLLINSVILLE COLUMBIA					T .08	. 17	. 55	. 66 . 32 T 1. 52			T .15	. 85 . 79 . 60 . 55	T .21 .49	T . 24	.10		т	.10 .16 .02	T T .12	.40	. 12	T			. 70	.04		.04 .20 1.50	. 27	T .14 .40 .02 .03	. 50	.03	2.36 1.86 3.00 7.05
CORDOVA CUBA DADEVILLE DADEVILLE NO 2 DANCY	R	.06	т		.14 .09 .02 .21	. 24 . 20 2. 65	.57				.14 T	.83 .58 1,05 .04	T .03 .05	.11	.45 .13 .20 .06		. 11 . 23 . 05 . 41	.07 .40 .01	. 43	.03	.04						T *	1.34 .58		T T	Т	.06	8.34 4.53 2.69 2.40 9.96
DANVILLE DAYTON DECATUR DECATUR NO 4 DECATUR SUBSTATION			. 02	. 05 . 19 . 22	.10 .03 .02	1.01	5.32 * 4.62 4.50	. 53 . 94 1.03		.02	.05 .68 .02 .05	.90 .13 .83 .86	.14 T .29 .30	. 11 . 19 . 25	.40 .17 .26 .53	. 20	.10 .88 .14 .15	.03 .04 .03 T	.10 .35 .32	.18 T .31 .30	.11				T			. 63	.13 .13 .15	.03 T	.07	.12	10.83 2.80 10.09 10.78 9 77
DEMOPOLIS DOTHAN CAA AIRPORT ELBA ELROD EUFAULA	Z				T .05	. 19	.15 .23 .05 2.05	.94 T 1.20 1.80			.02	1.36 .81 .20 .98 1.44		T	.24 T .05		. 49	. 20	T .05	. 11	.05 .20 .15	T	.13	Т	. 43	. 05		.40 .01 .11 .68	.02	т	. 51	.07	4.09 1.71 2.57 7.63 1.87
EUTAW LOCK NO 7 EVERGREEN EVERGREEN CAA APT FAIRHOPE FALCO 5 NE	Z		. 02		.01 .45 .08 .16	.15 T	1.64 .05 .56 .34				. 64	1.00 .55 .01 .55	.03 .02 T	. 03	.11	.05 T	.11 T	.14	. 22	т	.07				. 07			. 47 . 07 . 08	.01		.04	.04	5.13 2.14 1.53 1.07
FALKVILLE FALLS CITY 6 NW FARLEY FAYETTE FLAT ROCK	R	. 03	.35	.18	.09 1.50	.30	5.50 2.00 4.34 6.14 1.95	. 84 . 75 . 73 . 90		. 11	. 33	1.04 1.25 .54 1.02	.12 .35 .16	.15	. 54 . 50 . 75 . 26	. 03	.15	.02	.18 T	.05	. 33		. 05				. 52	.78 .70 1.37	.10	. 75	.05	1.01	10.28 8.46 9.43 11.32 7.55
FLORENCE AT LOCK FORT DEPOSIT FORT MORGAN FORT PAYNE FRISCO CITY	//Z Z		.16	. 39	т	.02	2.61 .05 .60 1.55	. 83			. 29	.91 1.10 .70	.24	.98	. 54	T	.42 T	.03	.75	. 48 T	. 09	т	. 02			т		. 24 T	.14	т	2.05	,18	13.00 2.36 .96 7.78 2.52
GADSDEN GAINESVILLE GARDEN CITY GENEVA GOODWATER	Z	т	, 04		.02 .06 .13 .03	.15	.41 1.75 3.30	. 83 1,16			.10 .05 .25	. 74	. 22 . 05 *	. 20	. 29 . 19 . 44 . 12 . 18	T .05	.26 .12 .22	.24	.14		.13 .13 .65 .14	T	т		.12			. 81 . 72 1. 71	.12 .03 .09 .12	.04	T T	.01	4.73 5.28 8.92 1.58 2.91
GORGAS GREENSBORO GREENVILLE GREENVILLE NO 2 GULF SHORES 2 SSE	R	. 02			.08	.11 .02 .32	2.37 .46 .09	. 59			. 07 . 86	. 78	.04	Т	.37	. 01	.13 .25 T	. 06	. 31	.13	.18							. 68 . 46 . 03 . 09	.04	.04	.08		7.57 2.60 2.03 1.94
GUNTERSVILLE REC GUNTERSVILLE DAM HALEYVILLE HAMILTON HARRISBURG 6 SE	R Z			.03		. 06	2.76 2.06 5.14	1.01	. 03	*	.07 .08 .04	. 69 . 75	.11	.39	* .40 .40	т	* .18 .10 .14	1.58 .10 .04	.04 .10 .28	. 65 . 10 . 05	. 25		т			т	. 29 T	.50 .61 .76 .40	.11	T T	.08	. 19	7.00 6.25 11.41 9.74 1.96
HAYNEVILLE BELENA BIGHLAND HOME HIGHTOWER HODGES			. 06	. 18	T T .17 .12	. 56 . 03 . 10	.72	. 26 . 66 . 20 . 41			. 35	1.25 .96 .58 .65	.05	.06 T	. 21 . 05 . 21 . 58	. 02	.32	. 43 . 05 . 60	. 23	. 06	. 20	T .05	T .04				т	T .32 .05 .42	.05	. 08	. 12		2.07 4.79 1.71 3.50
HUNTSVILLE SUBSTA HUNTSVILLE HYTOP JACKSON SHOALS JACKSONVILLE	R	T	. 22	.30	.02	.16 3.29 1.11	3.87 1.51 1.87	1.03	v.	. 18	. 15 . 70 . 18 . 29	. 83 . 63	. 19 . 39 . 38 . 10	. 29	.61 .25 .43 .19	. 02	.14 .12 .12	.01 .04 1.01	. 16	1.21 .37 1.20	.03		T .05	T T			. 24	. 24 . 19 . 31 . 22 . 21	.11 T .85	.01 T .28	.04	.02	9.42 9.08 10.42 4.31 3.17
JORDAN DAM LA FAYETTE LAY DAM LEEDS LEEDSURG	z	т	.02		.02	. 24	.03	.71 .42 .87 1.10			* .66	1,13 1,10 .93 .79	T .05	. 08 T	.14 .03 .24 .32	. 05	.65 .13 .32	. 56 . 02 . 33 . 39	. 04	.13	.13	T	.02			т	.06 T	.08 .05 .76	T .12	.07	. 29		3.00 2.48 2.78 5.87 5.48
LINCOLN LIVINGSTON LOCKEART LOCK NO 1 LOCK NO 2	//Z				. 28	. 11	2.55 .13 .04	. 68 . 80 . 67		. 49	. 83	. 22 . 15 1. 02	.21	. 52	.76 .17 .04 .13	.16 T	.32	.75 T	. 02	. 16 . 07 T	.11				.14	т		.12	1.95	.03			5.00 4.77 4.3£ 2.91 3.51
LOCK NO 3 LOCK NO 17 MADISON MAGELLA MAGNOLIA	R		.04		.02	.16 .12 1.82	1.94	. 83		. 10	.10 .87 .21	. 64 . 77 . 84 . 09	.05	.06	.20 .27 .62 .26	.04	.31 .03 .20 .22 .50	.31 .11 .12 .23 .05	.06 .20 .13	. 04	. 19		.02					.40 .45 .17 .05	.05	.01	.14	.03	2.45 5.94 9.76 5.32 2.53

Take to min.e.																															Ji	NEARY	1950
Str. b																Day	of m	onth															Total
		Ł		,	4	5	6	1.	2)	10	11	12	1 5	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	T
MARION 1 SSE MARION JUNCTION VALUE AND AND AND AND AND AND AND AND AND AND					.09 T .03	. 09 T	T .12	. 57			.05	1.09 1.08 .77 .31	.02	т	.12 .13 .14 T	T T	.16 .02 .04 T	.19 .68 .22 T	.02	T	.09	. 03	T		T			.12 .04 T		. 06		T .15	2.82 2.67 2.12 2.35 3.55
Mills 3 MILS STEERY MILS STEERY MILS STEERY	ij				T .04	. 15	. 54	1,23 .89 .44 .68			.08	1.18 .05 .58 1.24 .47	Ī	-	.10	.08	.38	. 51			. 05				.17	т		. 46		T			3.94 2.79 2.03
MOBILE WB VIRPORT. MOBILE WB CITY MONTGOMENT AL VEL MONTGOMENT WB CITY	z			.08 .01 .46	.02	. 45 . 03 . 05	. 45	. 87		.01	.51 .61 .40 1.34 1.37	. 80 . 05 . 02	. 40	.30 .02 .07	.04 .08 .94 .02	. 20 T T	,10 T	.01	T .01 .32 T	.03 .16 1.13 .11	.06 T	. 03			Т		Т	T 1.11 .35 .01	T .15,	. 05	.15 T	.17	2.22 2.87 12.12 2.21 2.23
MOULTON MUSCLE SHOALS CAA A NEW BROCKTON NEWBURG NEW MARKET	R	.02.	19	.28	1.45 .53 .14 .03	1.72	2.05 1.75 .69 4.35 3.70	1.67	.06	.04	.74	.03 T .16 .78	.40	.31 .48 .75	.06	. 31	.11 .27 .46 .35	.10	.17 .63 .05 .15	.34 .19 .05 .28	. 06			. 05	.47		. 25	.27 .03 .08 .28	.16	1.64	.11 .59 .30 .80	. 40	11.17 13.09 1.69 11.63 11.26
NEWTON ONEGATA ORRATILLE OZARK PAINT WK	Ē.		. 20	. 02	.05	2.94	. 99 1.52	. 32 1. 50 . 28 . 57		. 54	. 22	.02 .70 1.51 .44	.77	.04	.03 .36 .11 .47 .27		.06	. 47 . 70	. 24	.14	.11	. 03			. 08	.02	. 33	.03	. 57	.14		. 06	.61 6.36 2.66 2.70 9.27
PACKET STATE PETERSYPEL PICKETS STATE PINE BILL PACKETS PICKET	R				.04	. 18 . 01 . 70 . 85	. 74 6. 60	2.09 .62 .60			. 05	. 93 . 83 . 06 . 70 . 75	т		.35 .06 .33 .27		.40 .38 .07 T	. 32			.14	. 45						. 49		. 19	.97		5.86 2.20 1.81 10.27
PINE LEVEL PLANTERSVILLE PLEASANT GROVE SCH PLEASANT HILL PRATTVILLE	R			.19	.12	. 05	2.85 .53 .68			. 22	.10		.05	. 19 . 03 . 12	.13 .15 .58 .03		.05	.62	. 26	. 84	-	.08	-	-	-	-	-	1.03	.07	.18	.30	. 14	2.49 2.72 8.49 2.20
PRIMROSE FARM PUSHMATAHA RELD HAY REFORM RIVER FALLS		.04		.35 T	.12	.03 1.88 .83	T 3.63	.48 .73 .56 1.91 .24			.31	1.80 .48 .88 1.01	.01 .80 .05	. 39 T	. 58 . 29 . 71	т	.41	.75	T . 50	. 15	. 24	. 01	.03					. 46 . 18 . 69	.04		1.76		2.67 2.48 12.44 10.36 3.11
RIVER FALLS 2 NE ROBERTSDALE 7 E ROCK MILLS SAINT BERNARD SAND MTN STA FRM AP	R		01	.03	.11 .02 .14	- .07 .05	. 46 .01 3.35 2.78	. 52	~	.10	. 52		.06 .25 .38	. 24 . 02 . 04 . 22 . 05	.06 .28 .41 .42	.02	.04	. 24 . 23 . 05 . 28	.04	.08 .02 .33 .92	. 07	. 05	. 03			. 01		.65 .05 .03 1.09 1.22	.15	-	.02	gar .	1.30 3.32 6.88 7.48
SAYRE SCOTTSBORO SCOTTSBORO SUBSTA SEALE 7 WNW SELMA		. 04	07 T	. 30	.06 .05 T	.21	1.47 3.22 2.25 *	. 70		.19	.09 .92 .25	. 84 . 80 2 . 40 . 78	.05 .75 .25	.04 .46	.30 .70 .74	.04	.10	.09 .26 T	.23	.02	. 39	т	.01	.05 T		. 40		.64 1.10 .87 •	.04 .26	.04 T	.05 T	.05	5.64 8.56 7.85 3.60 2.61
SHEFFIELD TVA NRSY SHOFMAKER SPRINGS SLOCOMB SNOW HELL SOUTH BILL			. 05	. 53	.02	1.82	2.80 3.80	. 64			.05	.95 .93 .92 .44	. 56 . 32 . 64	. 36	.56 .53 T .15		. 52	. 53	.73 .67 T	. 14 . 93 . 72					. 01			. 27 . 45 . 05	. 38	. 48	2,35	.03	12.40 14.84 1.46 1.60 7.18
SPRING HILL SUTTLE SWAIM SYLACAUGA SYLVANIA			. 02	. 95	.15 .02 .04	.11	1.95	1.22 .44 .95 .69 1,26		T	.08	1.25	T .02 .15 .02 .12	. 46 . 25 . 18	. 90	. 65	.12 .64 .04	. 53	.38	T 1.06 .02	.08			. 02				. 12 . 76 . 40 . 95	.15	. 03	.10	. 18	1.82 2.08 11.06 2.87 7.52
TALLADEGA HRM MT TR THOMASVILLE THOMSBY 1 SW THURLOW DAM	R	.04			.10	.02	. 50 . 55 . 62 . 05	. 07		.09	. 94	1.25	.01	.05	.17 .25 .13 .11		.38 .31 .82 .30	. 78	.05	.18	. 02	.03			. 02			. 44 . 31 . 33 . 20	.08	.06		. 02 T	3.78 3.53 3.45 2.14 2.09
TONEY TRAFFORD TROY TUSCALOOSA CAA APT TUSCALOOSA LCK DAM	R Z Z	. 03	. 41	.05	.88	3.24 .53 .04	1.58 2.00 .13 2.24 1.70	. 47		. 10			.06	. 11	.07 .30 .08 .20	. 26	.05	. 50	.84 .24 .06 .01	. 33	. 30	, 01	.01		. 09	T	. 63	.16 .71 .17 .30 .40	.04 .50 T	. 72	1.20 T	.04 T	12.89 5.49 2.69 5.26 5.16
TUSKEGEE UNION SPRINGS UNIONTOWN UNIVERSITY VALLEY BLAD	L.	. 04	Г		.09	.02 .21 .05 .62	.03 .40 .03 2.32 2.08		T	. 38 T	. 20	1.38 2,30 .82	.02 .07 .04 .02 .19	T . 09	.17 .10 .16 .78	.02	. 22	T .04 .33 .02	. 26	T .07	.05	T	.01		.01	T	. 20	. 22 .10 1.19	T .05	. 30	.07	.02	2.52 3.80 2.75 5.33 6.16
VANCE VERNON WALLEY WALLAC: WALLAUT GROVE	R			-	.60	4.90 .06	1.72 2.48	. 87			. 42 1.02	. 52 . 90 . 85	. 13	, 41 -	. 20 . 11 - . 40	- 04	.70	. 43 . 05 . 40	.74	_	. 24	-					. 57	.22 .11 -	_	-	.19 T		5.16 11.16 - 2.02
MATERLOO WEST BLOCTON WETUMPKA WHATLEY WHEELER LAM		.05	. 52 T	.15	T.03	3.00 .32 1.54	.08	, 84		. 72	.80 T	.15 1.24 .65	T .02	. 12	.16 .18 .07 .46		. 21 . 01 . 51	2.35 .26 .13 .93	.35 .15 T .01	. 65	.12			.11 T		. 41	.20	.15	. 10	.05	3.60		15.51 4.72 2.66 2.59 13.96
WILSON DAM WINFIELD 2 SW YATES HYDRO PLANT YOUNGS STORE		l	07	1.00	. 07	1.71 1.67 .19 78	2.93 4.56 .10 1 50	1.19	22		.05	1.46	.16		.64 .51 .11 .80	Т	. 50 . 14 . 70	.03	.88 .01	. 55	.10			T				.32	.03 .20	.01	2.36	.14	14.38 10.34 2.76 16.80

Table 4		A M Ha	our ending	JANUARY D. M. Haux coding
Station		-	our ending	P. M. Hour ending
-	1 2 3	3 4 5 6	7 8 9 10 11 12	1 2 3 4 5 6 7 8 9 10 11 12
ANNISTON WE AIRPORT DERRY BIRMINGHAM WE APT DOTHAN CAA AIRPORT MUSCLE SHOALS CAA A RIVER FALLS 2 NE TUSCALOOSA CAA APT UNIVERSITY			-ls	St— .01 • • • • .02 .02 .03
BELGREEN BEXAR 2 SE FLAT ROCK HALEFYILLE HUNTSVILLE HUNTSVILLE MOULTON MUSCLE SHOALS CAA A PAINT ROCK TONEY			-2c -3c	.02 .02 .07 .07 .04 .06 .030406 .03
ADDISON BELGREEN BEXAR 2 SE PLAT ROCK HALEY/ILLE HUNTSVILLE HUNTSVILLE HUNTSVILLE HOBILE WB AIRPORT MOBILE WB CITY MOULTON HUSCLE SHOALS CAA A PAINT ROCK TONEY	.20 + +	.01 .01 .01 .01 .01 .01 .03 .03 .02 .05	.01 05 .02 .01 .02 .01 .02 .01 .02 .03 .01 .02 .01	.02 .01 .01 .04 .03 .01 .04 .03 .01 .04 .03 .01 .04 .03
ADDISON ANNISTON WB AIRPORT ASHLAND ATMORE STATE FARM BELGREEN BERRY BEXAR 2 SE BIRMINGHAM WB APT BOAZ CAMPDELL DADEVILLE NO 2	.05	.07 .05 .01 .01 .02 .05 .0501 .01 .01 .01 .01 .01 .01 .01 .01	.02 92 12 .01 .01 .01 .02 06	
EUTAW LOCK NO 7 EVERGREEN CAA APT PLAT ROCK FORT PAYNE GARDEN CITY GREENVILLE NO 2 GUNTERSVILLE REC HALEVVILLE JACKSONVILLE LOCK NO 1 MAGNOLIA		.02 .09 .01	.08	.01 .03 .01 .07 .02 .01 .01 .03 .04 .05 .05 .05 .09 .08 .12 .30 .30 .06 .04 .05 .03
MARION 1 SSE MOBILE WE AIRPORT 6 MONTGOMERY WE APT 6 MONTGOMERY WE CITY MOULTON MUSCLE SHOALS CAA A 6 NEW BROCKTON PETERMAN PLEASANT HILL		.03 .03 .04	.04 * * * * * * .02 .01 .01	.04 * * * * * .04 * * * * * * * .04 .01 .01 .02 .12 .12 .18 .40 .10 .14 * * * * * * * .01 .03 .03 .03 .03
TONEY TRAFFORD TROY TUSCALOOSA CAA APT 6 UNIVERSITY VERNON	* * * .0	* * * * .01 .07 .03 .01		10 .09 .21 .09 .31 .08
ADDISON ASHLAND BELGREEN BERRY BEXAR 2 SE BIRMINOGAM WB APT BOAZ CAMPBELL EUTAW LOCK NO 7 FLAT ROCK FORT PAYNE CABDEN CLEY	.02 .09 .1	.01 .11 .21 .41 .20 .07 40 .40 .18 .01	.02 .01 .01 .03 .16 .19 .17 .18 .35 .20	.12 .39 .11 .10 .11 .29 .11 .12 .0807 .03 .04 .25 .43 .09 .23 .26 .70 .03 .05 .23 .32 .43 .20 .15 .28 .17 .15 .15 .05 .14 .09 .10 .14 .09 .10 .02 .04 .25 .01 .01 .01 .02 .04 .20 .10 .05 .02 .01 .01 .01 .09 .40 .20 .10 .05 .02 .07 .01 .01
GARDEN CITY GREENVILLE NO 2 GUNTERSVILLE REC HALEYVILLE HUNTSVILLE LOCK NO 1 MONTGOMERY WB APT MONTGOMERY WB CITY MOULTON MUSCLE SHOALS CAA A PAINT ROCK PETERMAN TONEY TROY	.13 * * .05 .11 .01 * * .04 .01 .08 .03 .1 .39 * * .01 .12 .09 .0	* * * * .01 .01 * * * *	.01 .01 .01 .01 .01 .03 .09 .19 .11 .08 .07 .10 .03 .03 .04	.03 .09 .28 .20 .03 .21 .18 .08 .80 * * * * * * * * * * * * * * * * * * *
TUSCALOOSA CAA APT 6 UNIVERSITY VERNON ABBEVILLE ADDISON ANNISTON WB AIRPORT 6 ASHLAND //		.05 .06 .13 .20	-6tl .12 .02 .06 .14 .25 .15	h—

- 8 -

HOURLY PRECIPITATION

ALABAMA JANUARY 1950

Static			-	,		A. N	4. Hou	r endı	ng									P. N	4. Hou	r ondu	ng				
		1	2	3	4	5	6		2		10	11	12	1]	2	3	4	5	6	7	8	9	10	i 11	12
MORE STATE FARM																35	.12	. 04							
BORN SCS 10 IGREEN		.14	15	17	+1	.31	. 21	. 15	.17	.37	. 1	32	.04	.09			. 45	. 16	.07		. 03				
ARY 2 SE		.69	17	08	. 30	.51	.51	.04	.01	.12	1	21	.08	.05	.08	01									
RMINGHAM WB APT		.01	.01	1 >		.01	. 15	.06	.31	. 25		18 10	.07	. 63	. 20	.01			.01						
AA. AMPBELL		.04		19	18	.17	. 65	. 20	.68	.03		10	15	.34	.06	.09	.03								
DEVILLE NO 2			01		0.2	.01	.01			.01					_01	. 29	.08	.08	.01	.01	.01	.02			
TAW LOCK NO 7 ERGREEN CAA APT			01			. 09	.10	. 23	.02	.04	+ 1	34	.15	.07	.08	*	.01			. 55					
AT ROCK DRI MORGAN	//	.08	0.5	23	25	.06	.08	.01	.10	.11	()		07	,63	.12	.08	.07								
RT PAYNE	//	.03	. 08	15	15	. 23	.21	.22	.18	.37			.14	.06	.36	. 20	.06								
RDEN CITY EENV.LLE NO		.18	1.218	. 21	.67	.12	.30	. 70	.08	.02		24	.38	.12	.09	.04	.01	.12							
NTELVILLE RE		.50	. 70	. 16	.06	.12	. 38	.03	10	16	**	41 25	.09	.07	0.2	0.7									
NISVILLE	ŧ	2.04	. 1 /	+		*	*	.61	.12	.16		0	.10	. 14	.02	.01				. 34					
CASONY LLLA Y DAM									01	.01	-	01			.55	.14.	.04	.01	. 03.	.01					
Ck NO 1	//												0.4	30	. 24	.13	.01		.01						
GNOLIA RION 1 SSE									.02	.01			24:	.38	.12	. 08	.01	.01							
DWAY BILE WB AIRPORT															.03			.17	. 23	1.37		.01			
BILE WE CITY															13	.62	.11			.01					
NIGOMERY WE APT	4		*	.01	*	.02		.05	*			.02	.01	.01	*	.13	.07	.15	*	.40					
ULTON		13 37	10	09	.11	.10	.19	. 20	.12	.20		.12	.21	.15	.17	.02	.01		.06						
SCLE SHOALS CAA A	ŧ						-						* 1	. 81	.01				. 50	. 03	.13				
AINT ROCK		03	16	.01	24	04	.07	.09	.16	.09	-	10	. 20	.10	.20	.02	. 13	. 03							
LEASANI ALLI															.13	.19	.17	. 04							
HORSBY I SI		6.5	. 06	10	.10	10	.07	.08	.15	.02	1.1	10	. 20	.20	.43	.08	.02	.02							
AFFORI.		*	*	٠					0	0			*	101		2.87		9.0	9.0	01					
ROY USCALOOSA CAA APT	,	49	*		*		+ 1	1.06			4		4			*		.27	.15.						
IVERSITY		.17	02	60	08	20	.37	.17	. 28	.17	1	. 06		.17	.07	.14	.01								
				. (4)			. 00																		
													-7t	h-											
ELGREEN EXAR 2 SE												03 01	.03	.01	.04	.02									
DAZ												01											-		
FRAN CAA AIRPORT	ti	.01		-	-										-										
ULTON	,	. 01													.01										
													-8t.	h-											
DUI TON										.02					0.4										
20,10,1										.02					. 04										
													-9t	h-											
														. 04	.04	.01	.01								
ISTON WB AIRPORT	Ţ.								٠			٠	*		.04	.01	.01	01	* (.12					
ISTON WB AIRPORT TRR' XXAR 2 SE	t.								٠	*	٠	* 01	*	.04	,01	.01	*		*	.12					
ISTON WB AIRPORT RR' KKAR 2 SE RMINGHAM WB APT AI ROCK	t.								٠	* 01		٠	*	.04		0	.05	,01	.03	.08					
DOUSON N. ISTON WB AIRPORT ERR' EXXAR 2 SE RAMINGRAM WB APT LAT ROCK DRT PAYNE RADEN CITY	· ·								٠	* 01		٠	*	.04	,01	.01	*	.01	.03	.08	.01				J1
WISTON WB AIRPORT IRR 2 SE KMAN 2 SE KMINGHAM WB APT AAT ROCK URT PAYNE RUDEN CITY WHITENSYLLLE REC	t								٠	01		٠	*	.04	.01	.01	.05	,01	.03	.08	.01	٠		*	
NOSTON WE AIRPORT TERP TERMINGHAM WE APT LAT ROCK DRT PAYNE RREDN CITY INTERSVILLE KLEYVILLE TOTSVILLE	с.									01		٠	.01	.04	.01	.01	.05	.01	.03	.08	.01			.01	
NOTES ON WE AIRPORT FRR 2 SE TEMM INGEAM WE APT LAT ROCK SET PAYNE REDEN CITY INTERS ILLE FACTORISM ILLE INTERLILE (NESSON ILLE (NESSON ILLE EXECUTED INTERLILE INTERL	6									01		٠	* .01 .01	.04	.01	.01	.05	.01	.03	.08		•	٠	. 01	. 01
N. HSTON WB AIRPORT ERR KEAR 2 SE LEMINGRAM WB APT LAI ROCK DAT PANNE RRDEN CITY UNITERSVILLE REC UNITSVILLE UNITSVILLE UNITSVILLE UNITSVILLE UNITSVILLE UNITSVILLE UNITSVILLE UNITSVILLE UNITSVILLE UNITSVILLE UNITSVILLE UNITSVILLE UNITSVILLE UNITSVILLE UNITSVILLE UNITSVILLE UNITSVILLE										01		٠	* .01 .01	.04 .03 .04	* .01 .07	.01	.05 .03 .02 *	.01	.03	.08	*	•	•	. 01	. 01
LISTON WB AIRPORT IRP IXAR 2 SE RMINGHAM WB APT AAI ROCK RET PAYNE REDEN CITY INTERSVILLE INTSVILLE INTSVILLE INTSVILLE BILLE WB A'RPORT ISCLE SHOALS CAA A AINT ROCK	Б 6									. 01		* 01	* .01 .01	.04 .03 .04	* .01 .07	.01	.05	.01	.03	.08		•	•	. 01	. 01
WOSTON WB AIRPORT RR IXAR 2 SE RRINGBAM WB APT LAT ROCK WRIT PAYNE RROEN CITY INTERSVILLE REC LLAYVILLE INTSVILLE UKSONVILLE BOBLLE WB A'RPORT SICLE SHOALS CAA A LINT ROCK NAPY MAFFORD	6 6 6									01		* 01	* .01 .01	.04 .03 .04 * .02	* .01 .07 .10 * .01 *	.01	* .05 .03 .02 * * .01 .07 .02	.01	.03	.08	*	•	•	. 01	. 01
WISTON WE AIRPORT RR IXAR 2 SE RMINGRAM WE APT LAT ROCK WET PAYNE REDEN CITY NYTERSVILLE RESVILLE RYSTLLE RYSTLLE RISTO	Б 6									01		* 01	* .01 .01	.04 .03 .04 * .02 .01 .04 .01	* .01 .07 .10 * .01 *	.01	* .05 .03 .02 * * .01 .07 .02	.02	.03	.08	*	•	•	. 01	. 01
WYSTON WB AIRPORT IRR XXAR 2 SE IRMINGRAM WB APT LAI ROCK DAT PAYNE ARDEN CITY INTERSYILLE INTSVILLE INTS	6 6 6									01		* 01	* .01 .01	.04 .03 .04 * .02 .01 .04 .01	* .01 .07 .10 * .01 * .01	.01	* .05 .03 .02 * * .01 .07 .02	.01	.03	.08	*	*		. 01	. 01
NAMES ON WE AIRPORT FERRY EXAR 2 SE TERMINGRAM WE APT LAI ROCK DET PAYNE RABDEN CITY WINTERSWILLE ONTSWILLE ONTSWILLE BELLE WE A'RPORT USCLE SHOALS CAA A LINT ROCK ONEY RAFFORD USCALOOSA CAA APT NIVERSITY	6 6 6								:	01		* 01	* .01 .01	.04 .03 .04 * .02 .01 .04 .01	* .01 .07 .10 * .01 * .01	.01	.05 .03 .02 * .01	.01	.03	.08	*		•	. 01	1 .01
NAMES ON WE AIRPORT RR STAR 2 SE TRAIN 100 ME APT LAI ROCK DAT PAYNE REDEN CITY WITHERS WILLE RECULEWYLLE WE AVENUE AND AN AND THE SELLE SHOULE WE AVENUE AND AND AND AND AND AND AND AND AND AND	6 6 6									.03		* * * * * * * * * * * * * * * * * * * *	* .01! .01	.04 .03 .04 .02 .01 .04 .01 .26 .32	* .01 .07 .10 * .01 * .01 * .08	.01 .07 .11 * .08 .02 * .01	.05 .03 .02 * .01 .07 .02	.01	.03	.08 .05 .04 * .15	.10	•	•	. 01	.14
WYSTON WB AIRPORT PRE IN THE INTERPRETARY 2 SE LEMINGEAM WB APT LAI ROCK SHIT PAYNE REPORT INTERSYSTELLE RECYMPTERSYSTELLE WE AVENUE WE	6 6 6											* 01	* .01 .01 * .04 * .04	.04 .03 .04 .02 .01 .04 .01	* .01 .07 .10 * .01 * .01 * .08	.01 .07 .11 .08 .02	.05 .03 .02 * .01 .07 .02	.01	.03	.08 .05 .04 ** .15	.10	•	•	.01	.14
STATEM WE AIRPORT TORR XIAR 2 SE KEMINGRAM WE APT LAI ROCK DAT PAYNE ROBEN CITY NITERSVILLE CONSTITUTE CONTROLLE CONSTITUTE CONTROLLE CONSTITUTE SECLE SHOALS CAA A ANTER SECLE SHOALS CAA A ANTER SECLE SHOALS CAA A ANTER SECLE SHOALS CAA A ANTER SECLE SHOALS CAA A ANTER SECLE SHOALS CAA A ANTER SECLE SHOALS CAA A ANTER SECLE SHOALS CAA A ANTER SECLE SHOALS CAA A ANTER SECLE SHOALS CAA A ANTER SECLE SHOALS CAA A ANTER SECLE SHOALS CAA A ANTER SECLE SHOALS CAA A ANTER SECLE SHOALS CAA A ANTER SECLE SHOALS CAA A ANTER SECLE SHOALS CAA A SHOALS SECLE SHOALS	6 6 6									.03		* * * * * * * * * * * * * * * * * * * *	* .01! .01	.04 .03 .04 .02 .01 .04 .01 .26 .32	* .01 .07 .10 * .01 * .01 * .08	.01 .07 .11 .08 .02 .01	.05 .03 .02 * .01 .07 .02	.01	.03	.08 .05 .04 .15	.10	.02	01	.01	.14
WASTON WB AIRPORT FRE EXAR 2 SE LAT ROCK REMINGRAM WB APT LAT ROCK REPAYNE RE	6 6 6									.03	01	* 01 * 01 01 01 01 01 01 01 01 01 01 01 01 01	* .01 .01 * .04 * .04	.04 .03 .04 .02 .01 .04 .01 .26 .32	* .01 .07 .10 * .01 * .01 * .08	.01 .07 .11 .08 .02	.05 .03 .02 * .01 .07 .02	.01	.03	.08 .05 .04 ** .15	.10	.02	01	.01	.14
WASTON WE AIRPORT RR STAR 2 SE RRMINGRAM WE APT LAF ROCK DAT PAYNE RREDEN CITY WITTERSWILLE REC WITTSVILLE CKESONVILLE CKESONVILLE WE AVRORT SSCLE SHOOLS CAA A MINT ROCK DATE MAFFORT SSCALDOSA CAA APT WIVERSITY BREVILLE JOSA WHISTON WE AIRPORT SHOOLS WHISTON WE AIRPORT WHISTON WE AIRPORT WHISTON WE AIRPORT WHISTON WE AIRPORT WHISTON WE AIRPORT SHALMN WHISTON WE STATE FARK WHISTON WHORE STATE FARK WHISTON SCS 10 LIGREEN ERRY	6 6 6									.03	01 43 ,01	* 01 * 01 .03 .10 .01 .01	* .01 .01 * .04 * .04 * .04 .01 .19	.04 .03 .04 *.02 .01 .04 .01 .26 .32 h— .13 .10	* .01 .07 .10 * .01 * .01 * .08	.01 .07 .11 .08 .02 .01	.05 .03 .02 * .01 .07 .02	.01	.03	.08 .05 .04 .15	.10	.02	01	.01	.14
CASTON WE AIRPORT RR CKAR 2 SE RRMINGRAM WE APT AF ROCK MET PAYNE REDEN CITY NOTESSVILLE REC LEMYVILLE CKESONVILLE CKESONVILLE CKESONVILLE SCALOSA CAA A INT ROCK MAY RAFFORD MEY LISTON WE AIRPORT FIVERSITY BREVILLE MISON NISTON WE AIRPORT MISTON WE AIRPORT MISTON WE AIRPORT MISTON WE AIRPORT MISTON WE AIRPORT MISTON WE AIRPORT MISTON WE AIRPORT MISTON WE STATE FARK WILLE MISON NISTON WE AIRPORT MISTON WE STATE FARK WILLE LIGREN CKRY CKAR 2 SE KRWINGRAM WE APT	6 6 6								.07	.03	01	* 01 * 01 01 01 01 01 01 01 01 01 01 01 01 01	* .01 .01 * .04 * .04 * .05	.04 .03 .04 .02 .01 .04 .01 .26 .32	* .01 .07 .10 * .01 * .08 * .06	.01 .07 .11 .08 .02 .01 .03 .15	* .05 .03 .02 * .01 .07 .02 * .40 .10 .06	.01	.0306.	.08 .05 .04 .15 .02 .01 .86 .07 .47	.10	.02 .30 .16	01	.01	.14
WISTON WB AIRPORT RR UXAR 2 SE KRMINGRAM WB APT AF ROCK JAT ROCK JAT PAYNE ROBEN CITY INTERSVILLE INTS	6 6 6							01.	01	.03	01 43 .01 .05	* 01 * 01 .03 .10 .01 .01	* .01 .01 * .04 * .04 * .04 .01 .19	.04 .03 .04 *.02 .01 .04 .01 .26 .32 h— .13 .10	* .01 .07 .10 * .01 * .01 * .08	.01 .07 .11 * .08 .02 * .01	.05 .03 .02 .01 .07 .02 .01 .01	.01 .02 .01 * .01 .02 .01 .02 .03 .61	.03 .06 .01 .08 .08	.08 .05 .04 ** .15 .02 .01 .01 .07 .47	.10	.02	01 . 05 05	.01	.14
WISTON WE AIRPORT RR XAR 2 SE RMINGRAM WB APT AI ROCK MET PAYNE ROEN CITY NOTERSWILLE REC LLEYVILLE CKSONVILLE BILLE WB AIRPORT SCLE SHOALS CAA A AINT ROCK MAPY MAFFORD SCALOOSA CAA APT VIVERSITY REVILLE MISON NISTON WE AIRPORT HIAND WORE STATE FARK BURN RRY KAR 2 SE RMINGRAN WB APT MEPBELL LEREEN LE	6 6 6							01	01	.03	01 43 .01 .05	* 01 * 01 .03 .10 .01 .01	* .01 .01 * .04 * .04 * .04 .01 .19	.04 .03 .04 *.02 .01 .04 .01 .26 .32 h— .13 .10	* .01 .07 .10 * .01 * .04 .08 * .06	.01 .07 .111 * .08 .02 * .01 .03 .15 .01 .10	.05 .03 .02 .01 .07 .02 .01 .01 .01	.01 .02 .01 * * * .01 .02 .02 .10	.03 .06 .01 .08 .08 .43	.08 .05 .04 ** .15 .02 .01 .86 .07 .47 .01 .01 .10	.10	.02	01 . 05 05	.01	.14
WISTON WE AIRPORT RR XAR 2 SE RMINGRAM WB APT AI ROCK MET PAYNE ROEN CITY NOTERSWILLE REC LLYVILLE CKSONVILLE BILLE WA APPORT SCLE SHOALS CAA A ALTY LIVERSITY REVILLE MISON REVILLE MISON NISTON WE AIRPORT HILAND WORE STATE FARM REVILLE LORGEN RRY KAR 2 SE RMINGHAN WB APT MOPPELL DEVILLE MOPPELL DEVILLE RWINGHAN WB APT MOPPELL DEVILLE RWINGHAN WB APT MOPPELL DEVILLE RWINGHAN WB APT MOPPELL DEVILLE RWINGHAN WB APT MOPPELL DEVILLE RWINGHAN WB APT MOPPELL DEVILLE RWINGHAN WB APT MOPPELL DEVILLE NO 2 THEND CCAA APT THEND CCAA APT	6 6 6 //							01	01	.03	01 43 .01 .05	* 01 * 01 .03 .10 .01 .01	* .01 .01 * .04 * .04 * .04 .01 .19	.04 .03 .04 *.02 .01 .04 .01 .26 .32 h— .13 .10	* .01 .07 .10 * .01 * .08 * .06	.01 .07 .11 * .08 .02 * .01	.05 .03 .02 .01 .07 .02 .01 .01 .04 .01	.01 .02 .01 * * .01 .02 .01 .02 .03 .61 .53	.03 .06 .01 .08 .08	.08 .05 .04 ** .15 .02 .01 .01 .07 .47	.10	.02	01 . 05 05	.01	.14
SISTON WE AIRPORT RR XAR 2 SE RRINGGAM WE APT AIT ROCK BIT PAYNE ROEN CITY NOVERSWILLE ENVILLE ENSOWYLLE ENSOWYLLE SHOALS CAA A AINT ROCK NOY AFFORD BEVILLE LISON NISTON WE AIRPORT SCALOOSA CAA APT IVERSITY BEVILLE LISON NISTON WE AIRPORT HAAND MORE STATE FARE BURN SCS 10 LGREEN RNY XAR 2 SE RNY XAR 2 SE RNY XAR 2 SE RNY XAR 2 SE RNY XAR 2 SE RNY XAR AROCK NO 7 ERGREEN CAA APT TWENDELL DEWYLLE NO 2 THAN CAA AIRPORT THWE LOCK NO 7 ERGREEN CAA APT AT ROCK NO 7 ERGREEN CAA APT AT ROCK AT POCK	6 6 6 //							01	01	.03	01 43 .01 .05	* 01 * 01 .03 .10 .01 .01	* .01 .01 * .04 * .04 * .04 .01 .19	.04 .03 .04 *.02 .01 .04 .01 .26 .32 h— .13 .10	* .01 .07 .10 * .01 * .04 .08 * .06	.01 .07 .111 * .08 .02 * .01 .03 .15 .01 .10	.05 .03 .02 .01 .07 .02 .01 .01 .01	.01 .02 .01 * * * .01 .02 .02 .10	.03 .06 .01 .08 .08 .43	.08 .05 .04 ** .15 .02 .01 .86 .07 .47 .01 .01 .10	.10	.02	.03	.01	.144 .01
WASTON WB AIRPORT RR EXAR 2 SE KRMINGRAM WB APT LAF ROCK PAT PAYNE REPEN CITY WHERENVILLE REC WHENTY LLE KOKSONVILLE KOKSONVILLE WHENTY LLE WHENTY LLE WHENT SCLE SHOALS CAA A WHYT ROCK HAPT SCLE SHOALS CAA A WHYT ROCK HAPT WHENT	6 6 6 //							01	01	.03	01 43 .01 .05	* 01 * 01 .03 .10 .01 .01	* .01 .01 * .04 * .04 -10t .35 * .01 .13	.04 .03 .04 .02 .01 .04 .01 .04 .01 .03 .10	* .01 .07 .10 * .01 * .08 * .06 .17 * .19 .43 .16 .38	.01 .07 .11 .08 .02 .01 .03 .15 .01 .10 .19 .31	.05 .03 .02 .01 .07 .02 .01 .01 .01 .01 .01 .02 .22	.01 .02 .01 .02 .01 .02 .01 .02 .01 .02 .01 .02 .01 .02 .01 .03 .61 .53 .04 .07 .12 .05	.03 .06 .01 .08 .08 .43	.08 .05 .04 ** .15 .02 .01 .86 .07 .47 .01 .01 .10	.10	.02	.03	.01	.14
WASTON WE AIRPORT RR EXAR 2 SE REMINGRAM WE APT LAT ROCK MORT PAYNE ROEN CITY WITERSWILLE REC WASTVILLE ROEN CITY WITERSWILLE ROEN WILLE ROEN WASTVILLE ROE	6 6 6 //							01	01	.03	01 43 .01 .05	* 01 * 01 .03 .10 .01 .01	* .01 .01 * .04 * .04 -10t .35 * .01 .13	.04 .03 .04 *.02 .01 .04 .01 .26 .32 h— .13 .10	* .01 .07 .10 * .01 * .01 * .08 * .06 .17 * .43 .13 .16	.01 .01 .07 .11 .08 .02 .01 .03 .15 .01 .10 .19 .31	.05 .03 .02 .01 .07 .02 .01 .01 .01 .06 .01 .02 .22	.01 .02 .01 * .01 .02 .02 .10 .03 .61 .04 .07	.03 .06 .01 .08 .08 .43	.08 .05 .04 .05 .02 .01 .86 6 .07 .07 .47 .01 .01 .00 .01	.100 .011 .155 .26	.02	.03	.01	.14.01
NOSTON WE AIRPORT TRY CXAR 2 SE KRINGGAM WE APT AT ROCK MET PAYNE RIDEN CITY NITERSVILLE CKSONVILLE CKSONVILLE CKSONVILLE CKSONVILLE SILE WE AIRPORT SCLE SHOALS CAA A LINT ROCK NACY SECLE SHOALS CAA APT FIVERSITY BREVILLE MISON RISTON WE AIRPORT BREVILLE MISON RISTON WE AIRPORT BLICKED SECLE	6 6 6 //							01	01	.03	01 43 .01 .05	* 01 * 01 .03 .10 .01 .01	* .01 .01 * .04 * .04 -10t .35 * .01 .13	.04 .03 .04 .02 .01 .04 .01 .04 .01 .03 .10	* .01 .07 .10 * .01 * .08 * .06 .17 * .19 .43 .16 .38	.01 .01 .07 .08 .02 .01 .03 .15 .01 .01 .10 .19 .31	.05 .03 .02 .01 .07 .02 .01 .01 .06 .01 .02 .22	.01 .02 .01 * .01 .02 .02 .03 .61 .53 .04 .07 .12 .05 .01	.03 .06 .01 .08 .08 .43	.08 .05 .04 % .15 .02 .01 .01 .01 .01 .01 .36	.10	.02	.03	.01	.14.01
NAMES ON WE AIRPORT ERRY EXAR 2 SE REMINGRAM WE APT LAT ROCK ONT PAYNE ANDER CITY UNITSY-LLE ACKSONVILLE ACKSONVILLE BELLE BOALS CAA A ANT UNITSY-LLE BOBLE WE A'RPORT USCLE SHOALS CAA A ANT OREY BELLE BOALS CAA A ANT WERSITY BEEVILLE DOISON NALSTON WE AIRPORT SHIAND FROME STATE FARE BENIAND FROME STATE FARE BELLE BOALS CAA APT WERGER EXAR 2 SE REMINGRAM WE APT AMPHELL AMPHELL BOYSON FROME STATE FARE BOTHAN CAA AIRPORT UTAW LOCK ON 7 VENCREEN CAA APT LAT ROCK ORT PAYNE ARDER CITY ARDENTLLE BOTTON ORT PAYNE ARDER CITY ARENTYLLE BUTTSYLLE BUT	6 6 6 //	03						01	01	.03	01 43 .01 .05 01	01 * 01 .03 .10 .01	* .01 .01 * .04 .04 .04 .01 .19 .13	.04 .03 .04 .02 .01 .04 .01 .26 .32 .10 .03 .10	* .01 .07 .10 * .01 * .01 * .06 .06 .17 * .19 .43 .16 .38 .16	.01 .01 .03 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01	.05 .03 .02 .01 .07 .02 .01 .01 .04 .00 .01 .02 .22 .17 .10	.01 .02 .01 * * .01 .02 .02 .10	.03. .06. .011. .08. .08. .43.	.08 .05 .04 .05 .02 .01 .86 6 .07 .07 .47 .01 .01 .00 .01	.100 .011 .155 .26	.02	.03	.01	.14.01
WHISTON WE AIRPORT RRY EXAR 2 SE RRMINGRAM WE APT LAI ROCK DAT PAYNE RREEN CITY NOTET PAYNE RREEN CITY NOTES VILLE CKESONY LLE CKESONY LLE BELLE SHOALS CAA A MINT ROCK DRILE WE A'RPORT SECLE SHOALS CAA A MINT ROCK DRILE BELLE SHOALS CAA A MINT ROCK DRILE BELIES HOALS CAA A MINT ROCK DRILE BELIES HOALS CAA A MINT ROCK DRILE BELIES HOALS CAA A MINT ROCK DRILE BELIES HOALS CAA A MINT ROCK DRILE BELIES HOALS BERY LEE BELIES HOALS BERY LEE BELIES HOALS BERY LEE BELIES HOALS BERY LEE LEE LEE LEE LEE LEE LEE LEE LEE LE	6 6 6 //	03						01	01	.03	01 43 .01 .05 01	01 * * * * * * * * * * * * * * * * * * *	* .01 .01 * .04 .04 .04 .01 .19 .13	.04 .03 .04 .02 .01 .04 .01 .26 .32 .10 .03 .10	* .01 .07 .10 * .01 * .01 * .06 .06 .17 * .19 .43 .16 .38 .16	.01 .01 .07 .08 .02 .01 .03 .15 .01 .01 .10 .19 .31	.05 .03 .02 .01 .07 .02 .01 .01 .06 .01 .02 .22	.01 .02 .01 * .01 .02 .02 .03 .61 .53 .04 .07 .12 .05 .01	.03. .06. .011. .08. .08. .43.	.08 .05 .04 .01 .04 .02 .01 .86 .07 .47 .01 .01 .01 .36 .70 .01	.10 .11 .01 .15 .26 .03	.02	.03	.01	.14.01
SISTON WE AIRPORT RR STAR 2 SE KRMINGRAM WE APT LAT ROCK MORT PAYNE ROEN CITY WITERSVILLE REC VLAYVILLE KONSONVILLE BOSILE WE AIRPORT SECLE SHOALS CAA A MINT ROCK MINT ROCK MAPFORD SECLEOSA CAA APT WIVERSITY SECLE SHOALS CAA APT WIVERSITY SECLE SHOALS CAA APT WIVERSITY SECLE SHOALS CAA APT WIVERSITY SECLE SHOALS CAA APT WIVERSITY SECLE SHOALS CAA APT WIVERSITY SECRET CAA APT WILLE NO 2 TOTHAN CAA AIRPORT FRANCE SHOW FROCK MAPT MAPT MORE STATE FARK SHINN SCS 10 SLEGREEN SCHRY STERNY STERNY STERNY STERNY STERNY STERNY STERNY MAPT MORE STATE FARK SHINN SCS 10 SLEGREEN STERNY STERNY STERNY STERNY STERNY MAPT MORE CAA APT LAT ROCK MAPT MAPT MORGAN MAPT MAPT MORGAN MAPT MAPT MORGAN MAT MAPT MAPT MEDEN CITY REENVILLE WITSVILLE	6 6 6 //	03						01	01	.03	01 43 .01 .05 01	01 * 01 .03 .10 .01	* .01 .01 * .04 .04 .04 .01 .19 .13	.04 .03 .04 .02 .01 .04 .01 .26 .32 .10 .03 .10	* .01 .07 .10 * .01 * .01 * .06 .06 .17 * .19 .43 .16 .38 .16	.01 .01 .03 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01	.05 .03 .02 .01 .07 .02 .01 .01 .01 .02 .22 .17 .10	.01 .02 .01 .01 .02 .01 .02 .03 .61 .53 .04 .07 .12 .05 .01	.03°.06. .01°. .08°. .08°. .43°. .01°. .01°. .01°. .01°. .01°. .01°.	.08 .05 .04 .01 .02 .02 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01	.100 .010 .150 .26	.02.30	.03	.01	.14.01
SISTON WE AIRPORT RR STAR 2 SE KRMINGRAM WE APT LAT ROCK MORT PAYNE ROEN CITY WITERSVILLE REC VLAYVILLE KONSONVILLE LOCKSONVILLE SOBELLE WE AIRPORT SECLE SHOALS CAA A MINT ROCK WHAT SECLE SHOALS CAA A MINT ROCK WHAT SECLE SHOALS CAA A MINT ROCK WHAT SECLE SHOALS CAA A MINT ROCK WHAT SECLE SHOALS CAA A MINT ROCK WHAT SECRE SECRET	6 6 6 //	03						0.1	01	.03	01 43 .01 .05 01	01 * * * * * * * * * * * * * * * * * * *	* .01 .01 * .04 .04 .04 .01 .19 .13	.04 .03 .04 .02 .01 .04 .01 .26 .32 .10 .03 .10	* .01 .07 .10 * .01 .24 .08 * .06 .17 .19 .43 .16 .38 .16 .19 *	.01 .07 .08 .02 .01 .03 .15 .01 .10 .10 .31 .07 .141036	.05 .03 .02 .01 .07 .02 .01 .01 .01 .02 .22 .17 .10 .01	.01 .02 .01 .01 .02 .02 .02 .03 .61 .53 .04 .07 .12	.03. .06. .011. .08. .08. .43.	.08 .05 .04 .01 .04 .02 .01 .86 .07 .47 .01 .01 .01 .36 .70 .01	.10 .01 .15 .26	.02 .30 .16 .01 .02	.03	.01	.14 .01
WASTON WE AIRPORT RRY EXAR 2 SE RRMINGRAM WE APT LAI ROCK DAT PAYNE RREEN CITY NOTES PAYNE RREEN CITY NOTES PAYNE RECK LEYVILLE CKSSONVILLE RECK LEYVILLE LESHOALS CAA A MINT ROCK DRILE WE AVRORT SECLE SHOALS CAA A MINT ROCK DRILE BEFUILLE DELISON WAFFORD SECALOOSA CAA APT WIVERSITY BREVILLE DELISON WE AIRPORT SECALOOSA CAA APT WIVERSITY BREVILLE DELISON WE AIRPORT SECRITY EXAR 2 SE RRY EXAR 2 SE RRY EXAR 2 SE RRY EXAR 2 SE CRY EXAR EXAPT LLE NO EXAMPLE LLE LLE NO EXAMPLE LLE NO EXAMPLE LLE NO EXAMPLE LLE NO EXAMPLE LLE LLE NO EXAMPLE LLE NO EXAMPLE LLE NO EXAMPLE LLE NO EXAMPLE LLE LLE LLE LLE LLE LLE LLE LLE LLE	6 6 6 //	03						01	01 01	.03	01 43 .01 .05 01	01 * * * * * * * * * * * * * * * * * * *	* .01 .01 * .04 .04 .04 .01 .19 .13	.04 .03 .04 .02 .01 .04 .01 .26 .32 .10 .03 .10	* .01 .07 .10 .08 .01 .08 .08 .06 .17 .19 .43 .16 .38 .16 .19	.01 .07 .11 .08 .02 .01 .03 .15 .01 .10 .19 .31 .72 .11 .07 .14 .10	.05 .03 .02 .01 .07 .01 .02 .01 .40 .10 .06 .01 .02 .22 .17 .10	.01 .02 .01 .01 .02 .01 .02 .02 .10 .03 .04 .07 .12 .05 .01	.0306 .0101 .08	.08 .05 .04 .01 .02 .02 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01	.10 .01 .15 .26	.02.30.16	.03	.01	.14 .01
WASTON WB AIRPORT RR EXAR 2 SE RRMINGRAM WB APT LAF ROCK PAT PAYNE RREDEN CITY NOTERSWILLE REC ULHYWILLE NOTSWILLE CKSSONVILLE CKSSONVILLE BULLS SHOALS CAA A LIST ROCK DREY MAFFORD SECALOOSA CAA APT FIVERSITY BELEVILLE BULSON NASTON WB AIRPORT SCALOOSA CAA APT FIVERSITY BULLSON SALOOSA CAA APT FIVERSITY SERVILLE BULSON NASTON WB AIRPORT SIENR SCS 10 SLOREEN EXAR 2 SE RRY EXAR 2 SE RRY EXAR 2 SE RRY EXAR 2 SE CRY EXAR 2 SE CRY EXAR 2 SE CRY EXAR 2 SE CRY EXAR 2 SE CRY EXAR 2 SE CRY EXAR 2 SE CRY EXAR 2 SE CRY EXAR 2 SE CRY EXAR 2 SE CRY EXAR 2 SE CRY EXAR 2 SE CRY EXAR 2 SE CRY EXAR 2 SE CRY EXAR 2 SE CRY EXAR 2 SE CRY EXAR 2 SE CRY EXAR EXAR EXAR EXAR EXAR EXAR EXAR EXAR	6 6 6 // 6 // 6	03						01	01 01	.03	01 43 .01 .05 01	01 * * * * * * * * * * * * * * * * * * *	* .01 .01 * .04 .04 .04 .01 .19 .13	.04 .03 .04 .02 .01 .04 .01 .26 .32 .10 .03 .10	* .01 .07 .10 * .01 .24 .08 * .06 .17 .19 .43 .16 .38 .16 .19 *	.01 .07 .08 .02 .01 .03 .15 .01 .10 .10 .31 .07 .141036	.05 .03 .02 .01 .07 .01 .02 .01 .40 .10 .06 .01 .02 .22 .17 .10	.01 .02 .01 .01 .02 .01 .02 .02 .10 .03 .04 .07 .12 .05 .01	.0306. .01. .08. .08. .43. .01. .20. .24. .01. .01. .12. .01. .04. .04. .04. .04. .04. .04. .04	.08 .05 .04 .01 .01 .01 .01 .01 .01 .01 .01	.10 .01 .15 .26	.02 .30 .16 .01 .02	.03	.01	.14 .01
SISTON WB AIRPORT RR EXAR 2 SE KRMINGRAM WB APT LAF ROCK PRT PAYNE RREDEN CITY NOTERNWILLE REC NOTEY PAYNE KONTONION RECKLES SHOALS CAA A MINT ROCK NEY MANT ROCK NEY SELLE SHOALS CAA A MINT ROCK NEY MANT ROCK NEY SELLE SHOALS CAA A MINT ROCK NEY SELLE SHOALS CAA A MINT ROCK NEY SELLE SHOALS CAA A MINT ROCK NEY MENT ROCK NEY SERVILLE MAISON WB AIRPORT SERVILLE MISON WB AIRPORT MINGRES TATE FARK MINGRAM WB APT MENER SCS 10 SLOREEN EXAR 2 SE KRY EXAR 2 SE KRY EXAR 2 SE KRY EXAR 2 SE MENINGRAM WB APT MENEREN CLE MENINGRAM WB APT MENEREN CAA ARPORT THAW LOCK NO 7 FERGREEN CAA APT LAT ROCK NET PAYNE KRDEN CITY KROEN CITY KROEN CITY KREENVILLE NO 2 LEVYILLE NO 2 LEVYILLE NO 1 KRONOLI KREENVILLE KOKSONVILLE KY DAM WCK NO 1 KONOLI KRION KONOLI KRONILI KRONILI KRONILI KRONILI KRONOLI KRONILI KRONILI KRONILI KRONILI KRONILI KRONILI KRONILI KRONILI KRONILI KRONILI KRONILI KRONILI KRONILI KRONILI KRONILI KRONI	6 6 6 //	03						01	01 01	.03	01 43 .01 .05 01	01	* .01 .01 .01 .04 .04 .04 .04 .04 .04 .19 .13 .02 .32 .32 .32	.04 .03 .04 .02 .01 .04 .01 .26 .32 .13 .10 .02 .39 .17	* .01 .07 .10 * .01 .01 .03 .04 .08 .06 .17 .19 .43 .16 .38 .16 .19 * 08	.01 .07 .08 .02 .01 .03 .15 .01 .10 .10 .31 .07 .141036	.05 .03 .02 .01 .07 .01 .02 .01 .40 .10 .06 .01 .02 .22 .17 .10	.01 .02 .01 .02 .02 .03 .61 .53 .04 .07 .12 .05 .01 .10 .10	.03.06 .01.06 .01.06 .08.08 .43.01 .01.20 .24.01	.08 .05 .04 .01 .02 .02 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01	.100 .011.155.26	.02 .30 .16	.03	.03	.14 .01
SISTON WE AIRPORT RR STAR 2 SE KRMINGRAM WE APT LAT ROCK MORT PAYNE ROEN CITY WITERSWILLE REC VLAYVILLE KONSON ILLE CKSSONVILLE UNIT ROCK MAPPORT SECLE SHOALS CAA A VINT ROCK MAPY SECLEOSA CAA APT VIVERSITY SECLE SHOALS CAA APT VIVERSITY SECLE SHOALS CAA APT VIVERSITY SECLE SHOALS CAA APT VIVERSITY SECLE SHOALS CAA APT VIVERSITY SECLE SHOALS CAA APT VIVERSITY SECRET CAA APT VIVERSITY SECRET CAA APT VIVERSITY SECRET CAA APT VIVERSITY SHENN SCS 10 SLEGREEN SERRY VIVERSITY SHENN CAA APT VIVERSITY SHENN CAA APT VIVERSITY SHENN CAA APT VIVERSITY V	6 6 6 // 6 // 6	03						01	01 01	.03	01 43 .01 .05 01	01 * * * * * * * * * * * * * * * * * * *	* .01 .01 * .04 .04 .04 .01 .19 .13	.04 .03 .04 .02 .01 .04 .01 .26 .32 .10 .03 .10	* .01 .07 .10 * .01 .24 .08 * .06 .17 .19 .43 .16 .38 .16 .19 *	.01 .07 .08 .02 .01 .03 .15 .01 .10 .10 .31 .07 .141036	.05 .03 .02 .01 .07 .01 .02 .01 .40 .10 .06 .01 .02 .22 .17 .10	.01 .02 .01 .02 .02 .03 .61 .53 .04 .07 .12 .05 .01 .10 .10	.03.06.0111.010.01011.010.01011.010.010.010	.08 .05 .04 .05 .04 .07 .01 .01 .01 .01 .01 .01 .01 .02 .01 .01 .01 .01 .01 .01 .01 .01 .01 .01	.100 .011.155.26	.02 .30 .16 .01 .02	.03	.03	.14 .01

Bee reference notes following Station Index.

PETERMAN PLEASART BILL PLEASAR	Chil					A. 1	M. Hot	ır endi	ng				1					P. N	1. Hou	r endi	ng					-
PLEASE STATE 11	Station	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	. 7
DESIGNOR OF ARPORT 6 .0.0 .01 .0.0 .01 .0.0 .01 .0.0 .01 .0.0	LEASANT HILL HORSBY 1 SW ONEY RAFFORD ROY USCALOOSA CAA APT USCALOOSA CAA APT G NIVERSITY								*	.01	.01	*	.01 .10 * .02 .39	.48	.12	*	.07 *	.20	. 20	.06	.03	.13		.01	.01	
UTRY LOCK SO 7 ARENY LILL MARCH CITY ARENY LILL MARCH CITY ARENY LILL MARCH CITY ARENY LILL MARCH CITY MA	DDISON NNISTON WB AIRPORT 6 EXAR 2 SE HIRMINGRAM WB APT AMPBELL ADEVILLE NO 2	.03	3	. 04					.06	.49	. 21	•		th-						.02	*			*	٠	
DEFORM STREAM FOR THE CONTROL OF THE	UTAW LOCK NO 7 VERGREEN CAA APT 6 ARDEN CITY REENVILLE NO 2 OCK NO 1 // AGNOLIA 1DWAY BOBILE WB AIRPORT 6	.01	. 0:			. 03	. 01			.01	.02	*	*		,	.02			.09			1	.02	. 02		
DDISON 0,3 0,4 0,3 0,2 0,1 1,1 0,3 0,2 0, 0,1 0,3 0,2 0,1 NISTON WE LIEDERT 0,8 0,6 0,6 1,9 0,2 1,2 1,2 1,2 0,5 0,5 0,5 0,5 0,5 0,7 0,3 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2 1,2	ONTGOMERY WB CITY OULTON EW BROCKTON ETERMAN LEASANT HILL ROY		. 0	8 ,03	.04	.01 .02	. 01	.03				•			*	*	*	*	*	.02		1				
ALEYVILLE	NNISTON WB /IRPORT 6 ELGREEN ERRY EXAR 2 SE RRMINGHAM WB APT LAT ROCK ORT PAYNE	. 08	* 3 .00	* .06 2 .02 5 .22	.19	* .01 .02	* .14 .05 .03 .03	.01 .26 .05 .01	* .30 .07	.08 .03 .06 .04	. 04	.01	.03	.02	,01			.02								1
AFFORD SCALOOSA CAA APT (IVERSITY RENON .04 .01 .04 .01 .04 .01 .05 .02 .08 .03 .07 .09 RISTON WE AIRPORT 6 RISTON WE WE WE WE WE WE WE WE WE WE WE WE WE	ALEYVILLE ONTSVILLE CKSONVILLE DULTON SISCLE SHOALS CAA A 6 AINT ROCE VER FALLS 2 NE		*	.06	.07	* .03 * .12	.10	.04 .14 .05 .01 .18 .05	* .01 * .22	.05	.01 * .01 * .25	*	*				.03	*	*							
DDISON NISTON WE AIRPORT SRIAND // UBURN SCS 10 LIGREY EARY 2 SE LAT ROUNG NO 7 VERGREEN CAA APT ORTOGMERY WE APT ARION 1 SE ONTEGMERY WE APT ARION 1 SE ONTEGMERY WE APT LEASANT HILL LEASANT HILL LEYER FAULE 2 SE ONTEGMERY SE ONTEGMERY SE ONTEGMERY SE ONTEGMERY SE ONTEGMERY WE APT	RAFFORD USCALOOSA CAA APT 6 NIVERSITY ERNON		*	*	.01		,02	. 02	.10		,10	.01	.01	.1		. 06	.02		, 02	, 01						
ADEVILLE NO 2 OTHAN CAA AIRPORT UTAW LOCK NO 7 VERGREEN CAA APT 6 * * * * * .02 .04 .06 .01 .05 .02 .02 .04 .06 .01 .08 .03 .08 .03 .01 .05 .07 .09 .03 .01 .05 .07 .09 .03 .01 .05 .07 .09 .03 .01 .05 .02 .03 .01 .05 .02 .03 .02 .03 .09 .05 .04 .03 .07 .09 .05 .04 .04 .02 .05 .02 .03 .05 .02 .03 .09 .05 .04 .05 .02 .03 .09 .05 .04 .05 .02 .03 .09 .05 .04 .06 .01 .07 .08 .03 .08 .03 .07 .09 .05 .04 .08 .03 .07 .09 .05 .09 .05 .04 .08 .03 .07 .09 .05 .09 .05 .04 .08 .09 .05 .09 .05 .09 .05 .04 .08 .09 .05 .09 .00 .00 .00 .00 .00 .00 .00 .00 .00	DDISON NNISTON WB AIRPORT 6 SHLAND // UBURN SCS 10 ELGREEN ERRY ERRY ERRY								*		.01	* .01 .03	1	.02	*		*	*	. 05	.11		.09	.18	.01	.09	
UNITSYILLE 6 AY DAM	ADEVILLE NO 2 OTHAN CAA AIRPORT UTAW LOUK NO 7 VERGREEN CAA APT 6 LAT ROCK ORT PAYNE ARDEN CITY	.02								*	*	*	*		.06	.01			1		0.0	25		.08	.01 .03 .04	
AINT RCCK LEASANT HILL 1VER FALLS 2 NE 10RSBY 1 SW 0NEY RAFFORD 2.04 .02 0.01 .01 .20 .01 0.01 .00 .20 .01 0.05 .02 .01 0.05 .05 .02 .05 .05 .02 0.05 .05 .05 .05 .05 .05 .05 .05 .05 .05	UNTSVILLE 6 ARY DAM ARION 1 SSE ONTGOMERY WE APT 6 OULTON				0			. 03			.03			.07	*	*	*			.02	*	*	.01	*	*	
	VAINT ROCK VLEASANT HILL VIVER FALLS 2 NE GORSBY 1 SW VONEY RAFFORD	4							. 04	1			.01	.01			.01	. 20	.01	.11	.03	.12	.02	. 21	.01	
DDISON .14 .04 .02 .01	ASHLAND // AUBURN SCS 10 BELGREEN BERRY BIRMINGHAM WB APT	.06	.10	0 .02 3 .05 2 .01	.08 .01 .03	.05			.01	.02	.01	.04	*	.04												
INNISTON WB AIRPORT 6	ULTAW LOCK NO 7 VERGREEN CAA APT 6 VAT ROCK VORT PAYNE VAROEN CITY UUNTERSVILLE REC	.09	. 05	* .13 5 .08 3 .05	.01	* .01 .08 .04 *	* .02 .07					.01	.01													

HOURLY PRECIPITATION

JANUARY 1950

Table 4-Continued						4		OII.		1 11	EC.	* * 1		101	4									J	ANUAR	Y 1950
Station						A. 1	4. Ho	ur endı	ng									P. 1	М. Ног	ur end	ing					3
	1		2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	lotal
JACKSONVILLE LAY DAM LOCK NO 1 MAGNOLIA MARION 1 SSE MOBILE WE CITY MOSTIGMENT WE APT MONTGOMENT WE APT MONTGOMENT WE CITY MOULTON MUSCLE SHOALS CAA A A PAINT ROCK PETTEMAN PLEASANT HILL RIVER FALLS 2 NE THORSEY 1 SW TOMEY TRAFFORD TROY TROY TRAFFORD TROY TROY TUSC/LOOSA CAA APT 6	.00	7 7 14	.04 .08 .05 .02 * * .01 .04	.03 .02 .02 * .06	* .01 * .01 .01 .01	.02 .01 .01 .01 .02 .01	.01 .01 * .08 * .03 .05	.04		.01		.02		.12												.25 .15 .10 .05 1.25 .08 .07 .06 .03 .06 .03 .06 .11
UNIVERSITY VERNON			.03	.01	.05	. 03		. 03		. 01																.16
ASHLAND BELGREEN BIRMINGHAM WB APT CAMPBELL EUTHW LOCK NO 7 FLAT ROCK FORT PAYNE BALEYVILLE JACKSONVILLE MARION 1 SSE MIDWAY MIDWAY												-	-15 :11		.12	.01	.13	. 01	.05	.03		.01		. 29	.03	.17 .14 .03 .03 .07 .08 .01
HUSCLE SHOALS CAA A 6 TONEY TRAFFORD UNIVERSITY VERNON	.0	14													.02	. 03	. 03			.02	*	۰		* .16 .01 .01	.08 .01 .02	.08
	1											-	-16	th-												
ADDISON	.0	7	.09 * .02	.01		* .01	*	.08	*	٠	٠	, 05			.03	* .05	* . 03	.01	*	.16	*		*	٠		.15 .34 .08 .02
BIRMINGRAM WB APT CAMPBELL DADEVILLE NO 2 EUTAW LOCK NO 7 FLAT ROCE FORT PATHE GARDEN CITY GREENVILLE NO 2			.01	.01	.01 .10 .14 .04	.01		.17	. 27	.02	.16	.12	,02	.01		. 01	.06	.01	. 01	. 01		.02			.02	
GUNTERSVILLE REC BUNTSVILLE 6 JACKSONVILLE LAY DAM LOCE NO 1 // MAGNOLIA MARION 1 SSE MIDUAY MOULTON MOULTON		8	*	.01	.03	.05 .01	.06	.12	.03		.08	* .01 .02 .10 .04 .07	.06 .03 .03 .01 .01	.02	.04	.04	.01	.01	. 03	. 01	. 01	.01	.02	.01	*	.37 .41 .63 .50 .42 .04
MUSCLE SHOALS CAA A 6 PAINT ROCK PETERMAN PLEASANT HILL THORSBY 1 SW	. 3	6	*	*	*	٠	*	.19	.01	, 08	.02	.01	.01	.08	.04	. 04		,,,,							. 01	. 06
TOREY TRAFFORD TUSCALOOSA CAA APT UNIVERSITY	.0		*	. 04	.02	.02	.02		*	٠	.03	.02	.01 .01 -17													.05
ABBEYILLE ADDISON ANNISTON WB AIRPORT 6 ASBLAND // BELIGREN BERGREN BERGREN BERGREN BERGREN BERGREN BERGREN BERGREN BERGREN BIBMINGRAM WB APT CAMPBELL DADEVILLE NO 2	. 2	:3	*	. 24	.01	* .10 .02	,03 .01	.18	.04	.01 * .01 .02	.01	.01	.11	.01 .75 .08 .01	.04	*	*	.01	6	.03						.19 .04
DOTHAN CAA AIRPORT EUTA' LOCK NO 7 FLAT BOCK FORT PAYNE GAMDEN CITY GUNTERSYILLE REC HALFYYILLE HUNTSYILLE JACKSONYILLE LAY DAM	*)5		.01	*	.02	.09	.01 1.56	.01	* .01	.03	.01	.01 .02 .10 .01 *	.08	.02	. 04	.01			. 02						.05 .03 .02 .18 .22 1.58 .02
MAGNOLIA MOBILE WB AIRPORT 6 MONTGOMERY WB APT MOULTON MOULTON			.02	.02		. 01			.07	*	.02	*	٠	. 01	* .01		٠	٠	*	. 01						.05
MUSCLE SHOALS CAA A 6 PAINT BOCK PLEASANT HILL RIVER FALLS 2 NE TONEY TRAFFORD								.03	.01		.02	.12	.02	.48	*	-	-	. 23		.12	.01	-	-	-	-	.06 - .24 .50
TROY TUSCALOOSA CAA APT 6 UNIVERSITY VERHOR			٠	*		*		. 02	. 03	. 01	. 01		. 01								. 01	.01				.02

See reference notes following Station Index.

Station		- 4		- 7														- 1		r endi		7				a.ad
		1	2	3 .	4	5	6	7	8	9 .	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
												-	-18t	h-												
ADDISON BELGREEN				10	.11	. 13		.01	.01													. 01	.01			
BEXAR 2 SE LAT ROCK							.01	. 01		. 03															. 34	1
MALEYVILLE MUNTSVILLE	6			*		•	. 03	.02	*	*	*	4	*	.10									٠	*	*	
ORILE WB CITY	0		. 01			13	.04		_					0.1						0.5						
MUSCLE SHOALS CAA A	6		*	*	•	*		. 11	*	.03	.01	.01		.01	*	•	•	٠	*	. 05	*	*	*	*	*	
PAINT ROCK PONEY PRAFFORD					. 10	.02	. 05	.05	.01		.02										.27	.03	. 29	.10		9
USCALOOSA CAA APT	6							. 01	*	. 03	.65		*	.01	. 04	.02										
LANON										. 03	.03				. 04	.02										
BBEVILLE												-	-191	h-		.07	.01									
DDISON NNISTON WB AIRPORT	6				.01	.01	.05		.01	. 03	. 04					*	*			.33						П
SHLAND UBURN SCS 10	//													.01		.12	. 04	.01		.00						
ELGREEN ERRY				.02				.02		. 03	. 03															
IRMINGHAM WB APT ADEVILLE NO 2													.02	.12	.06	.02	. 01	.02								
OTHAN CAA AIRPORT UTAW LOCK NO 7		*	*	*	*	*	*	*	*	*	*	*	*	. 03	.01	*	*		*	*	*	*	*	*	. 22	2
LAT ROCK ORT PAYNE			. 04	. 02		.02	. 65	.07	. 20		.03	, 21	. 05	.02	.01											
ARDEN CITY UNTERSVILLE REC				. 01	.01			.01	. 20	.02	.01	. 26	.08	. 03												
UNTSVILLE ACKSONVILLE	6	.60	*	*	*	*		.35	*	*	*	*	*	.02	.02	.07										
AY DAM OCK NO 1	//														. 03	.07	. 01	. 03	.08							
ARION 1 SSF OBILE WB AIRPORT	6								*			*	*	. 03	. 06											
OBILE WB CITY ONTGOMERY WB APT	6			,						.15	. 01					*				.11						
DULTON USCLE SHOALS CAA A	6	.46	*	.01	*	*	.02	. 13	. 29	.02	*	*	*	.06												
EW BROCKTON AINT ROCK		.02				. 20				1			. 04	.01												
HORSBY 1 SW ONEY		.01				. 28				.04						. 03	.02									
RAFFORD JSCALOOSA CAA APT	6	1							*	*	.01		.09	.02	.02	*	*			. 05						
VIVERSITY												.01		h_		.04	. 01									
onny.													·20t													
ERRY							. 03					.08	.01	. 01	. 01											
													-21	st-												1
ONTGOMERY WE APT	6													-	*	٠	* 01	* 01		. 03					. 01	
ONTGOMERY WB CITY USCALOOSA CAA APT	6								*	*	٠	*	*	.01			.01	.01							.01	L
		1										-	24	h-		1										
BBEVILLE OTHAN CAA AIRPORT				. 01	. 04			.16	.08	. 05																
IDWAY		0.2	.01	.01		01	04	.01	.05	.01	21	. 01		0.2	.01	. 04	, 01		1							1
EW BROCKTON ROY		.02	.01			.01	.04	. 05			. 21	.09		.02	,01	. 01										
													25t	h-		1										1
UBURN SCS 10								.02	. 01						.08											1
								. 72				_	26t	h-					,							
DDISON																			1		.35	. 05	. 05	. 09	.13	3
ELGREEN ERRY		1																		.10		.14	. 14	. 22	.02	2
EXAR 2 SE UTAW LOCK NO 7													-										. 03	.01	.10	3
LAT ROCK ORT PAYNE																							.02	.50	. 93	3
ARDEN CITY UNTERSVILLE REC																			1				.27	. 98	. 25	5
ALEYVILLE UNTSVILLE	6																			. 20		.01	.14	.05	.13	3
OULTON USCLE SHOALS CAA A	6																		. 03	.18	*	*		*	. 04	1
AINT ROCK ONEY																				. 19	. 03	. 13	. 02	. 06	.09	3
RAFFORD USCALOOSA CAA APT	6																							.05	.40	
IVERSITY RNON													,						. 01	.04			. 27	.06	. 13	
												_	27t	h-												
BBEVILLE							.01	.01					1												1	-
DDISON NNISTON WB AIRPORT	6	. 06	.02	.02	.01		*	. 30		. 02	.08	. 01					*			. 01					:	
SHLAND ELGREEN	//	.01	. 04	. 14	.04	.01	.01				.06	.02	-			1		.01	.01							
ERRY EXAR 2 SE		.12		.04				. 01		. 03	. 01	.01														
RMINGHAM WB APT		.02	.01	06		. 01	.01	.01																		
UTAW LOCK NO 7 VERGREEN CAA APT	õ	.09	. 05	.02					*	*	*	*	*	.08												
LAT ROCK ORT PAYNE		.22	. 25	.02							.06		.02	. 04								1				
ARDEN CITY		.09	. 04	. 09	.02	.01								.07												

Table 4-Continued							OIL.		A 11	LCI			101	1									J		1950
Station					A. 1	M. Hou	r endi	ng									P. 1	M. Hou	ur end	ing				T	10
	. 1	2	3	4	5	6	7	8	9	10	11	12	ı	2	3	4	5	6	7	8	9	10	11	12	Total
GUNTERSVILLE REC HALEYVILLE HUNTSVILLE JACKSONVILLE LAY DAM MARGOLIA MARION 1 SSE	. 20 . 07 . 24	.12 .05 *	.03	04 • .05 .01	01 * 03	. 03	.05	٠	.11	.01	_06	٠	.04												50 20 21 66 07
MIDWAY MOBILE WB CITY MONTGOMERY WB APT 6		. 05	02		. 02	+ }	.01									.60 1.02									1.11
MOULTON MUSCLE SHOALS CAA A 6 NEW BROCKTON	. 05		٠	.01	٠	*	.04	.14	02		01														27 08
PAINT ROCK PETERMAN RIVER FALLS 2 NE THORSBY 1 SW TONEY TRAFFORD	. 12	.07 .15	02 06 .01	.03	.01				. 11	.01	.02	. 04		. 04	_13		. 06			.01	. 01				.25 65 20 .16
TROY TUSCALOOSA CAA APT 6 UNIVERSITY VERNON	.18	.05	.03		.16	.01	. 23					20.		*	25		.01	. 04 *		٠	٠	*		.03	.32 68 .19
ABBEVILLE												28	th-						01						01
ANNISTON WB AIRPORT 6 BELGREEN JACKSONVILLE								٠	٠	*	٠	٠	.06			٠	٠		•	•	•	•	.02		.02
MUSICE SHOALS CAA A 6 PAINT ROCK RIVER FALLS 2 NE		٠	•	٠	٠	٠	.03		. 02	01	01		.01												. 03
TUSCALOOSA CAA APT 6	03										_	29	th-												
ADDISON ANNISTON WB AIRPORT 6 BELGREEN BERRY	.03	*			٠		. 05	.02	. 01	.01		. 01	01	_	_			10	_	_	.01				. 06
BEXAR 2 SE BIRMINGHAM WB APT EUTAW LOCK NO 7 GARDEN CITY MUSCLE SBOALS CAA A 6						.01	. 01	. 01	03	. 01	.02			*	*	٠	. 03	.01	. 79	.01	٠		٠	٠	. 03 . 11 05 06
PAINT ROCK TONEY TUSCALOOSA CAA APT 6 UNIVERSITY	٠	٠			٠				.01		٠			.02	. 03	*	•	:	28	. 22	.50	٠		35	. 72 . 35
ADDISON ASHLAND ADBURN SCS 10			.01	.01	01			.10				.01	th-												02 03 .10
BELGREEN BEXAR 2 SE GARDEN CITY GREENVILLE NO 2 BALEYVILLE	.12	.03		. 16	.15	. 03	.02	.10		05	02		. 01	.01	.01	.01									.51 .03 .02 .02
HUNTSVILLE 6 MOBILE WB AIRPORT 6 MOULTON		,02	•	٠	*	*	05	.01	*	.02	.01		.03	,01	.01	.01	. 01				٠	٠	•		11
MUSCLE SHOALS CAA A E PLEASANT HILL TONEY	.12	. 28	.39	.04	.12	.06	.08	.08	.01	-	٠	.01	.06												1.20
ADDISON ANNISTON WE AIRPORT 6 BELGREN BERRY								. 01	.02	. 02	.04	-31:	.03	.02	.13				13	٠		٠	٠	.01	. 20
BOAZ EUTAW LOCK NO 7 EVERGREEN CAA APT 6 FLAT ROCK	=	-	Ĵ	-	-	-		-	-	.02	-	-	-	•	•			•	. 04	. 01	Ĵ	-	. 04	. 06	.02
FORT MORGAN FORT PAYNE GARDEN CITY GUNTERSVILLE REC HALEYVILLE								,03		.19		. 01			. 03	. 01		.02	. 01				. 06	. 01	.03 .10 .03 .19
HUNTSVILLE 6 MOBILE WB AIRPORT 6 MOULTON MUSCLE SHOALS CAA A 6 PAINT ROCK	. 01									.01		.04	. 16	*		.01		•	. 23				•	•	. 06
RIVER FALLS 2 WE TONEY TRAFFORD	-	-	-	-	-	-	-	-	-	. 02	05	-	. 05	. 09	.03	. 08	-	.02	-	*	. 03	. 01	-	. 01	.32 - 04 05
TUSCALOOSA CAA APT 6 UNIVERSITY		.03	.01	٠	٠	•	.02																		0-1

Table 5		_										-																				JAN	NUARY	1950
Station																		of mor																erage
	i		1	2	3	4	5	6	7	8	9	10	11	12							!		1	1 1				- 1	27				31	- A
ALBERTVILLE 1 S		MAX	41	48	43	58	63	63	29	25	34	36	34	41	36	34	36	43	42	43	39	33	32	36	37	54	62	62	44	44	47	60	62	66.8
ALEXANDER CTY 6 NE		MAX	40	40	55	61	74 62			23	41	51	54	58	68 55		71 48	50		44	53	41	41	50	48	48	61	55	77 56	50	48	63		68.5 50.1
ANDALUSIA		MAX	50		56		62	64		55 36	44		60	61	77 62	76 56	70 59	64		59	61		43	47	54	57	66	65	82 65	56	58	63		73.9 55.8
ANNISTON WB AIRPORT		MAX		69 49			63	41	52 32	60 28	44	67 55	50	53	69 53	68 53	73 53		49			50 37		68 46					67 50				72 63	66.2 49.2
ATMORE STATE FARM		MAX		73 48			67		65 35	65 35		78 61			77 65	75 52	78 61		77 52	79 61		74 46			78. 52				79 63.				80 66	76.2 56.8
AUBURN		MAX		63 45			76 52		68 34	54 30		67 43			74 53	70 53	66 53					73 43							78 60				78 62	68.4 49.3
BAY MINETTE	1	MAX		73 50			77 69		56 36	66 35		78 62		78 61	76 64	73 58	78 65		75 51			67 46	68 41	75 46					78 61					75.2 56.5
BELLE MINA 2 N		MAX	43	56 49		63 61	71 40	63 47	53 27	46 25		65 48			66 59	73 53	68 48		49 39			29	50 33	53 47					76 39					63.1 45.2
BIRMINGHAM WB APT	- 1	MAX		68 52			73 63		50 31	61 30		69 55			75 59		72 57		511		65 38	48 36		69					58 45					66. 6 51. 1
BIRMINGHAM WB CITY		MAX		70 53					53 30			68 57		73 57	75 61		72 54		53 46										72 45					68.2 51.8
BREWTON 3 SSE	- 1	MAX		74 39		78 64	77 66	79 64,	65 42	65 28					77 58	75 57	78 57		77 50,		76 60	72 48			78 47			82 65	81 63	77 51	79 54		80 59	76.4 53.7
CAMDEN		MAX																76 51	72 51	78	78	60 41			76 56	88	81	79 63	71 53	72	79		81	-
CAMP HILL 2 N	-	MAX	63	69 45	70 52	69 53	72 50	69 60	58 26	62		72 50	63 52	72 50	70. 52	71 52	72 50		52 42	70	72	52. 39	50	34	71	76	78	79	73 59	62	73	76	77	67. 7 49. 0
CENTREVILLE		MAX	68	72 52	72 62	78 68	75 67		56 34	55 30	61	72	62	70 62	77 62	66 58	70 60	62	65 50	72	70	54 42	52	70 44		80	78	78	78 54	68	76		78	69.7 55.5
CHATOM	1	MAX	74 43	73 44	79 57	78 64	77 68	75 47	54 32	65 27	70	78 62	68	i I	79 64	73 55	77 54	72 52	74 51	79 55	77	73 42	65	76 39	70 50	81	80	83	76 51		81	81	82	74.9 52.8
CITRONELLE		MAX! MIN		73 53	75 60	75 65	75 68	78			70	30 62	66	77 63	76 65,	70 57	77	70	74 53	79 61		69	65	77 50	77.	80	79	80	73 57	75	79	82	80	74.1 56.8
CLANTON	1	MAX		60 47	70 47	70	78	74	76	51 28	59	61	70	61	73	72 53				55	72		52		69	72	77	78 60	75 58	60	68	77	80	67.8 50.7
CORDOVA		MAX	66	70	74	76	72	72 40	50 30	62		70	62	75 56	77	75 52	75 55	70	56 43	70	68	50	51 36	71 45	70 58	78		78 67	72 43	64 46	75 58		76 63	69.1 50.3
DAYTON	1	MAX	71 49	71	77 59	78 65	79	79 42	57 31	62 28	65	75	70	75 60	79 62	75 55	73 58	70 49	68 50	75 57	75	68 40	62 37	72 43	77 57	80	80	81	79 49	77 49	77 63	80	80 62	73.8 53.0
DECATUR		MAX	60 45	63	69	73	59 40	63 39	45 28	56 28	56	64	58	70	73,	70	73 51	67	51 41		61	48	53	68 48		75	78	76 61	61 39	60	69	66	66	64.1 47.6
DOTHAN CAA AIRPORT	1	MAX	73	74.	75	78 52	79	78 52	57 39	61 34	73	76	76	78. 59	77	74. 59	80 56	82 62	72 55	75 55	76	61 52	58 52	73 52	75 52	80	82	81	77	78.		81	81	74.8 55.1
EUFAULA		MAX	71 44	69	76 45	79 56	80 53	75 62	72 38	63 29	72 42	72 51	69	73 61	71 52	77 59	77 53	80 61	65 54	64 51	76 58	72 52	62 50	69 52	77	75	77 63	82 56	80	76 59	77	80 65		73. 7 53. 2
EVERGREEN		MAX		72 50	73 53	76 60	77	76	78		64 45	70 50	76	70	77 62			80	77					68		77	69 42	68	82 63			80 62	80	73.5 57.9
EVERGREEN CAA APT	1	MAX		73	76 57	78			56	64		78 54		77		72 54	80 57		78	79						82	80	82	76 56	78	80		79 60	74.8 52.8
FAIRHOPE		MAX	71	76	76	79	77	77	55	67	71	78	74	77	78	76	79	81	74	80	79	64	67	77	77	7 78	79	81	80	78	77	80	80	75.1 52.4
FAYETTE	-	MAX	65	64	67	75	76	64	62	50	61	62	69	62		77	61	76	55	60	73	53	54	57	72	72	78	78	79	49	65	73	77	66.4
FORT MORGAN		MAX	70	71	71	73	73	74	58	95	69	74	69	73	74	74	75	75	70	75	75	63	63	73	74	76	77	77	72	73	75	72	76	71.5
FRISCO CITY		MAX	70	73	72	77	77	78	77	54	62	66	79	68	76	77	71	79	73	74	78	75	48	66	75	78	80	80	79	74	77	80	62	75.: 54 !
GADSDEN		MIN MIN	58	35	68	68	75	72	67	50	57	53	64	63	63	71	59	72	50	45	60	62	48	51	64	70	78	80	75	51	51	70		62.1
GENEVA		MIN	71	73	74	77	80	78	77	58	64	74	76	78	81	77	74	80	82	74	76	75	65	67	76	77	81	82	83	81	80	80	59 80	46.: 75.1
G ODWALLE		MIN MAX	48	48 59	48	53	58 74	60 70	72	32 51	42 59	45	56	61	70	59	56	58 72	59. 38	51	71	52 69	50	51	55 69	70	76	79	78	64	54	75	79	65.1
GREENSBORO		MIN	70	72	71	75	61 76	71	33 54	58	63	75	55 62	53 74	78	69	72	67	63	75	72	53	51	72	76	80	80	80	71	72	76	80	80	70.6
GREENVILLE		MIN	53	73	75	75	74	77	31 64	28 66	47	71	56 74	76	61 75	55	58 76	78	50	54	49	73	36 58	74	77	80	79	81	77	73	79	79	79	73.5
HALEYVILLE		MIN	49 65	50 62	56 70	64 71	65 68	64	35 44	34 57	44 54	56 63	59 63	61	73	56 71	59 73	55 69	52 54	57 68	65	45 54	53	68	54 69	75	65 76	64 77	72	55	70	64	67	5 5 .:
Historia Ioni		MIN	48		50		38	35			44	52	38	53	60		77	40	40 75	77	36 75	72,	38 58	73,	75	79	30	65 81	78	73	77	49	51 ′	73.:
HUNTSVILLE		MIN	47	50	56 66	63	61	63		33	60	55	61	56	71	55 60	59 72	57 67	57	54	50	44 52	45 52	69	55 68	75	77	63 75	62 50	64 57	62 70	76	69	5 5. :
LA FAYETTE		MIN	48	54	59	75 57 74	40	35	28		45	45	38		55	49	57	40	40	48	34	29	40	49	59 74	59 76	64 80	80	75	48 62	53 72	78	51 77	69.1
		MAX				56					40	50	54	56	52	52	50		45			39		49	51 75	52			60					49.4 69.1
T.T.V. T. V. V.		MIN	41	43				70	34			50	42	53	55	55	48				46	38	37			50		61	51		50	60	81	48.4
LIVINGSTON		MAX	63 51	71 53		79 65	76 51	72 41		59 27	68 44	72 59	63 53	74 58	63	75 56	75 56		€5 50			49		41					46				65	51.1

Table 5-Continued								D	ΑI	LY	T	EM	[PI	ERA	TE	UR	ES	1												JAN		ABAMA 1950
															Day (of mo	nth															age
Stat. v				4		F	7	ı	•		11	12	13	14	15	16	17	18	19	20	21	22 ,	23	24	2.		=:	28	29	30	31	Aver
LOCKEART 5.X		71 48	77 55	7 to 57	76 61	77 66	7 7	55 3 7	62	71. 10	1	11	76 64	71	5.1 100	11	151.1 1 ₂ 1	75	î,	76 10	38	68	7	i i	77	118	2:1 4:\$	50 60	7 6 60	11 64	78 64	74.2 56.2
MADESON "TA	58 45	63 54	65 56	74 63	70 39	63 34	48 27	6t 26	11	84	17	5.	7.4	15	73 49	() () ()	48	9 6	1.3	53	30	68 46	4.T	7	75	7 h 69	75 39	7_47	7	tr 1,	67 51	65.1 46.7
MANAELL FIELD	65		75 56	75 65	76 64	75 46	58 37	59 33	67 45	7.1 41	128	7.5 63	7.	61	75	; · !	51	7.8 31	7.5	1.1	51	71 48	9.5 57	261	ю 61		62	7.3 56	78 60	81 65	80 64	71.5 54.4
MOBILE WB AIRPORT		72 52	75 58	76 64	75 66	75 42	55 35	64 34	1 5 0.0	17	71	10	e . F,	7 · · · · · · · · · · · · · · · · · · ·	26 6d	79 +7	72 54	77 (7)	78 31	44	65 41	73 48	76 51	77	96 67	75	19	7: ::1	77	19 6 -	77 62	73.4 55.8
MOBILE WE CITY		71 56	72 61	72 65	73 67	73 16	55 38	64	70	# 3 # 3	700	72 65	78 6	7.6 951	5 B 6 B	7. 61	Va.	7.5 63	75 51	37. 48	67 45	71 51	74 600	76. (-3	95 67	7.7 6.7	77 60	7 s 5"	75 65	7 t 6 f.	76 67	71.9 58.4
MONTGOMERY WB APT	ť 5 46	72 45	75 53	7.5 63	76 63	76 44	56 35	59 30	41	10	17	7.0	7 E 39	ti.	18	71 54);;; ;	70	75 49	57 15	55 18	72 47	7.5. 5.4	8.1 5.2	8s 61	,5. 1 6,	11 57	7.1 >1	79 59	8. 65	58) <u>5</u>)2 3
MONTGOMERY WB CITY	61	72 51	75 57	75 64	76 63	75 45	54 36	58 35	67 44	74 56	60 38	75	75 60	57	71	70	60	:6 5	75	55 46	55 51	72 47	75 57	80 56	4 65	80 65	71	7.2 5.	78 58	81 64	,5 E (j	11 3 14 2
MUSCLE SHOALS CAA AP MAN	62	63 54	70 59	72 40	62 35	63 30	46 24	57 28	61 44	65 15	56 38	65 53	74 5.	56 48	727 54	51 38	50 4	56	44 33	5 28	55. 41	68 50	60	74 63	77 6(7.7 39	48 38	63 46	71 51	6n .19	67 47	13 1 44 5
ONLONES CAS	3×	60	68 50	70 59	74 63	71 60	64 31	48 28	56 30	6n 45	1	5 j	0 t	7 ,	12	72	51	51 45	6·1 5·1	51 34	48 34	51 13	6J 49	69 54	77 55	78 62	71 11	50 15	56 50	70 55	7 ⊱ 61	; ; 1/3
OMARK MAR		73 49	75 50	78 60	79 58	77 62	73 37	62 34	73 43	75 54	7.1	8.5	1	2	75 3	1 (57)	77 36	74	7.5 66	70 49	63 51	72 54	75 55	77 59	80 63	8 60	75 62	7 : 56	7 to Still	76 65	81	75 1 55 1
PRATTVILLE 5.55	67 42	73 45	73 51	76 62	75 62	76 55	57 34	57 36	68 47	74 55	01 59	14	, 1 , ,	57		6 5,	6F 51	75	75 55	6 15	54 40	71 48	74 53	78 51	79 62	79 61	6360 621	7. 54	79 58	82 51	8. 39	11 2
PUSHMATAHA WAR		70 52	71 60	71 62	77 64	77 66	71 30	56 28	60 30	70 40	7 51	67 90	i lir Eye	8 51	55	14 18	73 47	70 53	78 51	7: 40	54 38	515 410	7 4 42	76 60	80 65	8.7 66	83 46	71 36,	74 48	78 64	81 65	7. 1 50 b
ROBERTSDALE 7 E SAN	67 51	72 57	75 56	77 64	78 68	76 65	66 37	€4 38	70 48	78 61	75 63	7.5 6-1	77 64	74 59	77 62	78 63	77 53	77 62	77 61	71 49	69 41	74 46	74 51	76 52	77 66	7 B 67	77 66	76 55	77 59	78 62	78 62	74 7 57 2
ROCK MILLS WAX	59 41	70 42	7 L 53	73 57	75 59	70 52	53 34	62 24	65 42	72 52	65 51	63 52	6-1 51	66 52	73	6£ 50	52 11	66 41	71 53	62 39	5-1 1-5	68 49	72 44	77	8) 56	77 46	74 57	62 46	71 45	78 52	75 63	67 4
BAINT BERNARD MAX	50 41	59 14	66 52	68 59	73 44	63 45	63 29	45 28	57 27	59 43	64 40	39 39	7 , 57	72 51	60 51	72 41	53	54 45	65 45	48 31	49 31	51 13	67 48	68 57	75 57	76 68	75 41	50 41	62 49	70 59	74 57	(* 8 45 1
SAND MIN STA FRM AP MAX	55 40	65 47	63 57	71 58	69 €2	67 48	50 29	54 24	51 37	61 48	61	55 47	65 5(65 48	67 51	63 42	35	60 40	61 43	51 35	54 35	61 46	65 55	72 52	76 62	73 60	67 42	49 45	65 44	72 60	70 60	62 1 46 8
SCOTTSBORO UALA	59 39	65 49	68 55	74 60	71 59	64 45	50 30	61 27	53 40	62 51	62 40	59	69 51	67 50	73 52	65 41	4€ 42	61	60 40	58 32	51 38	68 45	66 52	78 56	78 56	75 63	68 48	65 44	67 43	71 61	67 59	64 5 47 3
SETW1 RIN	65 49	73 46	75 59	79 65	77 65	79 52	59 34	61 30	65 45	77 59	72 58	77 60	78 62	75 56	79 56	70 52	6° 52	79 54	77 58	60 43	57 42	75 43	77 55	81 58	82 61	80 62	75 62	70 52	79 60	83 62	82 65	73 € 54 1
SPRING BILL MAX			73	72 65	73 61	75 64	76 36	56 34	65 36		76 60	69 62	75 64	75 58	74 58	76	81 55	73 58	79 64	78 48	62 43	68 18	73 51			77 61	78 67	80 5€	75 58	79 64		73 5 55 7
TALLADEGA WAY		69 47	68 58	76 61	74 64	73 52	52 33	61 24	60	67 54	66 49	70 57	70 57	68 52	7.5 50	70 16	50 46	69 46	69 51	52 29	53 37	68	70 48	77 52	80 65	76 63	71 51	56	7.1 50	79 €2	7.1 64	67 5 50.6
THOMASVILLE MAX	68 49	72 51	77 59	77 64	76 65	76 43	51 31	63 31	64 45	79 60	64 57	77 60	79 62	68 54	79 57	50 50	74 50	78 58	77 50	52 41	54 41	75 44	76 58	80 59	80 65	83 66	69 49	74 49	78 63	80 64	80 04	72 5 93 5
TROY MAX	65 46	66 48	72 52	75 54	75 59	76 31	74 35	54 34	38	68 49	72 57	68 58	76 59	75 55	67 56	77 60	79 55	69 53	74 55	76 47	60 46	56 49	71 53	76 57	78 62	80 S0	63 63	79 36	75 60	75 63	81 65	72 3 53.4
TUSCALOOSA CAA APT MAX MIN		71 51	75 63	78 66	76 63	67 38	52 30	62 27	62 46	73 54	63 49	74 60	79 60	61 54	76 55	68 46	61 48	74 55	67 41	56 37	52 39	72 43	77 53	81 61	81 65	81 58	59 46	69 48	74 61	81 63	80 64	69 8 51 4
TUSKEGEL MAX		63 48	71 52	73 55	75 63	76 63	73 36	50	59 35	60 48	73 57	65 58	75 56	71 56	66 53	77 60	73 52	58 47	75 42	74 45	56 44	55 49	7: 51	75 58	7 h 62	80	81 64	75 60	62 53	74 56	78 62	69 9 52 4
UNION SPRINGS MAN			75 45		78 58	71	54 35	62 34	68 45	74 57	66 59	73 62		70 53		70 57	60 54		75 62			73 46	78 48	77 55	80 61	82 62	72	73 52	78 55		81 63	72 2 53 3
UNIVERSITY MAY			74 63	76 65	75 63	66 37	50 29	59 30	61 47	72 55	61 48	72 59	77 60	60 53	72 58	66 45	59 48	72 54	66 41	53 36	50 40	69 44	74 57	79 61	78 66	78 60	60 45	66 46	72 60	79 63	77 64	67 E 51.0
VALLEY HEAD MAN					72 62	68 46	48 29	55 22	52 40	60 40	62 39	57 45	54 48	65 49	69 53	64 42	48 39	60 38	61 45	51 35	50 41	63 46	64 45	74 61	77 62	77 60	68 45	49 43	64 42	72 61	69 30	62 4 46 5

EVAPORATION AND WIND

WETUMPKA

MAY 64 71 73 74 75 73 55 59 66 73 65 73 72 66 75 66 67 67 58 55 70 73 79 79 71 69 78 86 80 70 \$\frac{1}{6}\$ IN 47 48 57 54 64 55 36 31 41 56 57 66 60 55 55 50 53 50 58 47 49 49 56 56 65 62 64 57 56 62 62 54 3

Table 6										TI V	X XX	0,		111	714	4.1	7 47			ND			_								-			
																	I	Day o	f mor	nth														
Station			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	, G	21	.t.	1.) <	24	2.	26	27	2 -	214	3: 11	٨,	Tetal
AUBURN	EVA	P.	10 38	. 03	.09	.06	.11	.14 103	97	.16	.11	.07	.19	.01	.12	.02	.05	.09	,06 50	.03	.00	.06	.06	.03	.06	(),	11 76	15 93	12	.08	.05	.04	.10 82	2.47
FAIRHOPE	MIN	P.	04 21	. 04	.05	.06	.09	.05	83	.09	.01	.05 12	12	.00	.03	.08	.07	.08	, 08	.03	.05	.12	.08	.06	.05	.05 10	. 07 15	07 21	07 7	10	.06	.07	.06	2.05

											_										O MITO	1350
Station	Index No	County	Drainage:	Labtude	Elevatin	Jemp demod	ion	Observer		Refer to ables		Station	Index No	County	Dramage:	Lantude	Longitude	V	thor	Observer		lefer to bles
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EUPAULA EUTAW LOCK NO 7 EVFERGREN PAIRHOPE TALKYILLE PALLS CITY 6 MILES NW FARREY FAYETTE FLAT ROCK FLORENCE AT LOCK	2758 CO 2813 BA 2840 MO 2848 WI 2867 MA 2883 FA 2945 JA	RBOUR EEME NECUH LDWIN RGAN NSTON DISON YETTE CKSON	4 31 2 32 6 31 9 30 12 34 2 34 12 34 13 33 12 34	53 85 08 47 87 50 26 86 58	3 344 3 34 6 62 6 65 6 67 3 35 1 138	MID D D D D D D D D D D D D D D D D D D	8A B 5P F 7A 1 7A 1	HARRY E, MAUGANS B. B. BOLDROOK MRS.JESSIE D, GOLSON HAROLD F, YATES USPS UVA-384 USPS UVA-57 UVA-387 U. S, ENGINEERS	2 3 3 3 3 [2 3	5 4 5 5 6	2282222	SLOCOMB SHOW HILL SOUTH HILL SPRING HILL SWAIM SYLACAUGA SYLVANIA "ALLADEGA	7576 7620 7671 7733 7968 7994 8012 8024	LIMESTONE GENEVA WILCOX WILCOX DE KALB MOBILE JACKSON TALLA DEGA DE KALB TALLA DEGA TALLA DEGA	5 31 1 32 12 34 9 30 12 34 7 33	51 87 1 06 85 2 00 87 2 4 86 9 42 88 5 53 86 3 10 86 3 10 86 1 26 86 1 18 86	35 01 02 10 13 13	225 990 175 665 548 400 554 61919	6/ 7/ 7/ 9/ 7/ 8/ 7/	TVA-682 PATRICK H. SMITH MRS. EVA R. RAY TVA-75 RAMLIN H. TIPPINS TVA-385 ALABAMA POWER CO. TVA-386 C. D. WEAVER USFS	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	5
PORT DEPOSIT FORT MORGAN FORT PAYNE FRISCO CITY GARSDEN GAINFSWILLE GARDEN CITY GOODWATER GORGAS	3024 LO 3035 BA 3043 DE 3105 MO 3151 ET 3160 SU 3200 CU 3255 CU 3299 CO 3430 WA	LDWIN KALB NROE OWAH MTER LLMAN NEVA OSA	9 30 7 34 8 31 7 34 13 32 2 34 5 31 7 33	59 86 35 14 88 01 26 85 43 26 87 24 01 86 00 49 88 09 00 86 44 02 85 52 04 86 03 39 87 13	554 136 107 826	9P 8A 8 A 7 7A 7 7A	8A M 8A G 7A F 8A M 7A F 7A F	MRS.ISABEL C.HUGHES WM. B. CHANDLER JOHN W. PATE MRS. WELLA MCKEMZLE J. ERNEST ROLCOMB FRANK J. FIELDS MRS. G. MC KENZIE ARBECCA CAMPDELL J. PUTVIS CONAWAY LLABAMA POWER CO.	- 2	5	T	THORSBY 1 MILE SW THURLOW DAM TIBBIE 2 MILES S TONEY TRAFFORD TROY TUSCALOOSA CAA AP TUSCALOOSA LOCK & DAM	8204 8215 8223 8259 8285 8323 8380 8385	CLARKE CHILTON ELMORE WASHINGTON MADISON JEFFERSON PIKE TUSCALOOSA TUSCALOOSA MACON	1 32 11 32 13 31 12 34 2 33 10 31 2 33 2 33	55 87 54 86 2 32 85 1 20 88 54 86 49 85 14 87 13 87 24 85	54 15 44 44 58 37 35	385 9 288 226 750 590 8 170 MI 152 459 8	MI: 6/ 8/ MI:	MRS. MINNIE DEATON SCS ALABAMA POWER CO. HATTIE T. GIVENS) TVA-506 MRS. M. JOHISON TROMAS J. DILLARD CAA U. S. ENGINEERS PROF. M. L. LANIER	2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	5 6 6 6 5 6 5
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RELENA RIGHLAND ROME RIGHTOWER RODGES HUNTSVILLE SUBSTATION RUNTSVILLE HYTOP JACKSON SHOALS JACKSONVILLE JORDAN DEM	3783 SHI 3816 CRI 3842 CLI 3899 FRI 4060 MAI 4069 MAI 4099 JAI 4209 CAI 4306 ELI	ENSHAW EBURNE ANKLIN DISON DISON CKSON LLLA DEGA LHOUN	6 31 11 33 13 34 12 34 12 34 12 34	18 86 51 57 86 19 32 85 24 20 87 56 43 86 35 42 86 35 54 86 05 32 86 12 49 85 45 37 86 15	611 616 1500	SP MID	5P L 8A T 6A T MID U 7A T	RUDOLPH ENGLAND JUKE JORDAN FROMAS J. HART FRANK L. BAYNES FYA-55 J.S., WEATHER BUREAU FYA-78 LLABAMA POWER CO. FLABAMA POWER CO. FLABAMA POWER CO.	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		開発を開発している。	TETUMPEA HATLEY HEELER DAM FILSON DAM INFIELD 2 MILES SW ATZS HYDRO PLANT	8867 8875 8980 8998 9103	ELMORE CLARKE	7 32	07 87 32 86 39 87 47 87 48 87 56 87 34 85 57 87	12 43	205 61 580 530 468 335 840	7/ 6/ 7/ 7/ 6/ 7/ 6/	RUPERT M. BEARDEN	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	5
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1 1-ALADAMA; 2-BLACK WARRIOR; 3-CARABA; 4-CHATTAROOCHEE; 5-CHOCTAWRATCHEE; 6-CONECUH; 7-COOSA; 8-ESCAMBIA; 9-GULF; 10-PEA; 11-TALLAPOOSA; 12-TENNESSEE; 13-TOMBIGBEE REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, discussional units used in this bulletin are: Temperatures in 1°, precipitation and evaporation in inches, and wind movement in miles. Evaporation in account of the standard Weather Bureau type pan of 4 foot disneter unless otherwise shown by footnote following Table 10.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948. Amounts in Table 4 are from recording gages. Traces are not shown.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

- No record in Tables 3, 4, 6, and the Station loder. No record in Tables 2 and 5 is indicated by no entry. When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.

 And also on a later date or dates.

 And also on a later date or dates.

 Precipitation measures are sent, time distribution unknown.

 And also one is equipped with a windshield.

 Precipitation measured at 6-hourly intervals, no recording gage.

 Adjusted to a full month.

 A distribution measure at 6-hourly intervals, no recording gage.

 Adjusted to a full month.

 A distribution measure is a full month.

 A core of more days of record missing; mee Table 5 for detailed daily record.

 There, an amount too email to measure.

 There is name to come and in the measure.

 Hourly amounts from recording gage at the same site may be found in Table 4.

Subscription Price: 15 cents per copy, monthly and annual; \$1.50 per year. (Yearly subscription includes the Annual Summary.) Checks, postal motes and momey orders should be made payable to the Treasurer of the United States. Remittances and correspondence regarding subscriptions should be sent to the Weather Records Processing Center, 430 Peet Office Dullding, Chattancoga 2, Tennesses.

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CLIMATOLOGICAL DATA

ALABAMA



FEBRUARY 1950 Volume LVI No. 2



ALABAMA - FEBRUARY 1950

A. R. Long, Section Director - Montgomery

Weather Summary

The exceptionally mild temperatures which prevailed during January continued through the second week of February, so that the State mean of 54.4° for this February was 5.5° higher than the average since 1884, and the eighth highest since that time. The warmest February on record was in 1927 when the mean was 58.7°. After the 14th, temperatures averaged near normal, with a slight rising trend and with daily fluctuations only moderate.

There was light to moderate general rain on the 22nd. Otherwise nearly all of the precipitation during the month fell during the first two weeks. It was rather light over the southeastern three fourths of the State, but moderately heavy in the northwestern quarter.

Except most deciduous trees, vegetation became abnormally advanced as a result of the seven weeks of exceptionally mild temperatures which ended at the middle of the month. Growth was retarded by frosts during the last half, but as the month ended there was good grazing for cattle in most areas from winter crops, wild grass, and clover. Relatively few peach trees had bloomed in the commercial orchards, and little damage was done by frost. The outlood The outlook for peaches, however, was dimmed by the prospect of fruiting and growth being impeded by the lack of sufficient cold during the normal period of dormancy. Some strawberries were marketed in Butler and Conecuh Counties early in the month.

Field work made good progress in the south and east central portions, but did not get under way in the north until toward the end of February, due to excessive soil moisture. Near the coast Irish potatoes were being cultivated and the planting of other early crops was begun.

HATI.

At Decatur, on the 6th, at 11:45 p.m., hail fell for about five minutes, with stones up to the size of hen eggs. This storm moved from NW to SE, along a path two miles wide, and did about \$50,000 damage, mainly to roofs, greenhouses, neon signs, and windows.

In northeast Tuscaloosa County, at about 4 p.m. on the 25th, there was hail with a few stones up to 2 inches in diameter. A plane pilot reported the ground was whitened over a large area in the East Brookwood and Brookwood area. The storm moved from WNW to ESE. Damage was probably near \$10,000, mostly to fruit trees and shrubbery, with some deterioration of roofs inferred.

At Talladega Springs, 13 miles west of Sylacauga, in Talladega County, at 4:10 to 4:30 p.m., on the 25th, heavy hail drifts several inches deep in low places, with stones the size of marbles. The storm moved from NNW to SSE along a path 1/2 mile wide, with \$3,000 damage to roofs, windows, and vegetation.

A thunderstorm, with hail along a path two miles wide, moved from Clanton to the northeastern suburbs of Montgomery on A thinderstorm, with hall along a path two miles wide, moved from Clanton to the northeastern suburbs of Montgomery on the late afternoon and early evening of the 25th. This thunderstorm, with light hail, was first reported at Clanton at 5 p.m. It moved slowly toward the SSE, and dissipated a short distance NE of Montgomery at about 8:30 p.m., where light hail was also reported. There was no precipitation in downtown Montgomery, although thunder was heard. The hail was heavy at Marbury and Verbena, and it was likely heavy for some distance southward. There were stones up to one inch in diameter at Verbena and the size of marbles at Marbury. Damage was estimated at \$30,000, mostly to roofs, gardens, and windows. Highway traffic on the Birmingham-Montgomery road was slowed for about an hour by ice on the pavement.

All three of the storms on the 25th were local and isolated, with little cloudiness in the intervening area at the time they occurred.

THUNDERSOUALL.

At Pushmataha, at 6 p.m. on the 13th, a thundersquall damaged three houses and uprooted several trees. Damage was \$3,000.

FLOODS

Stages in the lower Tombigbee remained high during the early part of the month. On the 7th and on the 9-10th rain caused a further rise which kept the lower Tombigbee above flood stages until past the end of the month. Since the water spread over territory recently inundated, damage was slight.

There were no floods in the other rivers of the State .-- F.C.P.

ACKNOWLEDGMENTS

ACKNOWLRI
In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages-mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintined by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transfered and the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimat Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire Unite States, but since the Network was established to meet the internal requirements of the Pederal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspectio may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D. C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

SUPPLEMENTAL DATA

ALABAMA PEBRUARY 1950

		direction		Wind m.	speed p. h.		Relati	ve humi	dity ave	rages -		Numi	per of d	ays with	precip	itation			inset	
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30 a CST	6:30 a CST	12:30 p	6;30 p	Trace	.0109	.1049	.5099	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to su	Degree day
ANNISTON WE AIRPORT	E .	13	7.9	-		-	-		-	-	-	-	-	-		-	-		-	-
BIRMINGHAM WE AIRPORT	SSE	11	9.7	39	SE	14	79	84	51	60	7	2	5	2	1	0	17	57	5.4	354
MOBILE WB CITY	NNE†	11†	9.4	38	SW	14	851	891	57†	73†	0	7	3	0	0	0	10	57	5.1	176
MONTGOMERY WB CITY	St	9†	7.9	28	SW	14	791	85†	49†	60†	3	0	4	1	2	0	10	70	4.5	237
† AIRPORT DATA																				

COMPARATIVE DATA

Table 1							00111					- w-					
	Temp	perature		Precipi	tation		1	l'emperature	9	Precipi	tation			l'emperature	9	Precip	itation
Year	Average	Highest	Lr west	Average	No. of days .01 or more	Year	Average	Highest	Lowest	Average	No. of days	Year	Average	Highest	Lowest	Average	No. of days
1884 1885 1886 1887 1888	43.3 44.2 57.5	80 81 86 81 79	20 1 4 20 9	6.21 3.63 3.03 5.68 5.29	- 8 5 8 9	1909 1910 1911 1912 1913	51.1 45.7 54.6 43.2 47.8	89 80 84 76 80	5 -4 15 2 10	7.51 5.40 3.28 4.99 5.74	10 9 7 9	1934 1935 1936 1937 1938	45.5 50.2 46.5 48.8 55.5	80 82 80 83 85	9 10 - 7 14 18	4.73 4.41 7.34 4.93 1.90	7 8 1, 9
1889 1890 1891 1892 1893	57.1 54.9 52.4	80 84 83 83 82	7 24 15 18	4.09 6.82 8.57 3.27 6.42	6 8 14 6 10	1914 1915 1916 1917 1918	46.1 48.6 47.2 48.9 53.6	82 74 80 85 86	13 17 10 2	4.19 4.79 4.00 5.53 2.39	8 7 7 9 7	1939 1940 1941 1942 1943	53.5 45.9 44.3 44.9 50.9	87 82 72 79 83	10 10 17 11	3. 18 4 73	1.3 1.2 2 7 4
1894 1895 1896 1897 1898	38.0 48.3 51.6	80 77 77 85 82	12 -5 8 12 10	7.47 2.69 5.82 6.56 2.08	12 6 8 9 5	1919 1920 1921 1922 1923	47.7 46.3 51.0 54.3 47.8	80 77 81 83 83	17 11 16 15 10	6.93 4.11 5.21 6.11 5.93	10 9 9 9	1944 1945 1946 1947 1948	55.7 53.2 51.2 42.8 52.1	86 85 78 80 86	10 10 17 9	7 21 7 U5 6 58 1 95	12 8 4
1899 1900 1901 1902 1903	44.5 43.5 41.0	80 82 74 73 83	-17 6 11 11 0	6.08 8.46 4.23 6.57 10.89	15 10 6 8 10	1924 1925 1926 1927 1928	47.1 53.5 51.2 58.7 48.2	81 82 80 85 83	12 19 20 22 11	4.59 3.53 4.42 6.45 3.79	8 8 6 8	1949 1950 Period	53.9 54.4 40.9	84 84	12	4 1 a 24	
1904 1905 1906 1907 1908	39.9 46.0 49.5		18 -18 11 14 8	4.07 · 7.42 2.51 4.98 6.26	8 10 6 8 9	1929 1930 1931 1932 1933	46.0 53.9 49.8 58.1 49.1	78 86 77 86 84	12 19 18 22 -2	9.17 2.26 3.41 5.02 6.21	11 6 7 9 12						

Table 2					C.	711AT %	110	LOC								FEI	BRUARY	1950
Table 2			Te	emperatur	е							Pı	recipitatio		,	N-		
Station	Average	Departure from normal	Highest	Date	Lowest	Date	Max. 90° or above	Min 32° or below sk	Total	Departure from normal	Greatest day	Date	Lotal	Max. depth on ground	Date	.0] or mote	of days	1.00 or more
NORTHERN DIVISION																		
ALBERTVILLE 1 S ANNISTON WB AIRPORT BELLE MINA 2 N BIRWINGHAW WB AIRPORT BIRMINGHAW WB CITY	50.3M 51.1 49.8M 52.4 55.4	1.7 5.9 7.4	73 78 73 77 78	2 1 1" 1	24 24 25 25 25	27 20 17+ 17 17	0 0	12 9 14 8 5	3.36 4.43 7.03 4.28 4.31	1.50 - 1.00 78 75	.75 1.30 1.84 1.21 1.22	2 14 2 2	0 0 0 0 T			3 5 11 10 12	7 4 6 6	0 2 2 1 1
CORDOVA DECATUR FAYETTE GADSDEN GOODWATER	52.7 50.5 50.5 49.2 52.6	6.5 4.1 5.5	77 15 75 77 18	1 + 13 1 + 2 5	22 28 23 22 26	17+ 17+ 17 20 18	0 0	13 10 13 15 10	4.99 7.21 6.05 3.92 5.41	10 2,78 .56 - 1,48 20	1,30 1 01 2,10 ,68 2,40	14 14 3 10	T 0 0 0 0			9 11 9	7 7 6	3 2 0 1 2
HALEYVILLE HUNTSVILLE LINCOLN HADISON MUSCLE SHOALS CAA APT	50.7 47.7 52.8M 49.1 48.5	4,9	75 72 80 72 71	7 7 1 7+ 12+	24 23 26 28	17 17+ 17+ 26	0 0	12 14 11	6.92 7.36 5.77 7.89	2.76 1.1° 3.25	1.71 1.16 1.47 2.92	14 1 9 3 13	0 0 0 T			12 15 12 10	9 7 8	3 1 1
ONEONTA ROCK MILLS SAINT BERNARD SAND MIN STA FARM AP SCOTTSBORO	49.2 52.7 48.5 49.7 49.2	5.4 2.8 5.9	75 77 74 72 74	1 3 1 7	23 23 24 24 22	20 17+ 17+ 27 20	0 0 0	16 11 17 8 12	5.13 4.31 6.08 5.01 5.89	- 1.29 1.16 1.05	1.18 1.58 .97 1.32 1.20	10 8 2 2+	0 0 0 0			12 11 11 9	7 10 7 7	1 0 2 2
TALLADEGA TUSCALOOSA CAA APT UNIVERSITY VALLEY HEAD	53.1 54.1 53.9 46.9	5.4 7.0 6.8 3.7	78 81 78 70	1 1	22 25 27 19	20 17 17 17 17+	0 0 0	10 8 6 15	6.33 4.99 4.34	.83 04 69	1.58 1.71 1,42	9	T 0 0			9 8	5 7	1
DIVISION	50.9								5.50				-					
MIDDLE DIVISION ALEXANDER CITY 6 NE AUBURN CAMDEN CAMDEN CAMP HILL 2 N CENTREVILLE	54.1 53.1 58.2 53.0M 56.7	1.9	79 78 83 77 80	1 1 + 1 + 1 + .	22 27 30 24 26	18 17+ 20 18 17	0 0 0 0	11 9 5 9 7	4.81 3.44 3.33 4.50 3.68	- 2.01 - 1.89	1.71 1.10 2.10 1.83 .89	9 10 10 9 22	0 0 0 0			7 7 7 5 9	5 5 3 5 6	2 1 1 1 0
CLANTON DAYTON EUFAULA GREENSDORO GREENVILLE	53.0 58.6M 57.4 56.8 58.2	5.0 7.4 7.2 8.0	80 83 81 82 81	2 1 1 1	27 27 25 27 31	17 17 18 17 21	0 0 0 0	11 7 5 5 2	5.21 3.28 2.92 3.83 1.63	40 . 2.60 1.30 - 4.04	2.00 1.49 1.38 1.07 .62	10 10 23 22 23	T 0 0 0 0 0 0			10 5 7 7 9	8 3 4 5 3 4	1 1 1 1 0 0
HIGHLAND HOME LA FAYETTE LIVINGSTON MAXWELL FIELD HONTGOMERY WB APT	58.4 54.2 56.6 56.7 56.0	8.2	80 79 82 80 82	1 1 1 1 1	31 27 28 33 29	16+ 17+ 17 17+ 18+	0 0	7 7 6	2.03 3.02 4.87 3.53 3.44	.21	.67 1.20 1.33 1.40 1.46	14 9 14 10 10	0 0 0 0		1	4 9 7 6	5 4 3	1 2 2 2 2 2
MONTGOMERY WB CITY PRATTVILLE PUSHMATAHA SELMA THOMASVILLE	57.1 56.5 55.9M 58.9 57.6	5.5 6.4 5.5 7.8 7.7	81 83 82 84 33	, 1 1 1 1	35 29 27 30 31	16+ 17+ 17 17 16+	0 0 0	6 8 4 2	4.13 4.79 3.80 3.78	- 1.32 - 1.07 - 1.46 1.61	3.00 2.61 2.20	10 10 10	0 0 0 0			4 6 6	4 4 4	2 1 1 1
TROY TUSKEGEE UNION SPRINGS WETUMPKA	56.9 55.9 56.8	4.0 5.3 6.7	80 80 82 80	1 1 1 1	32 28 28 30	17 18 17 18	0	5 4	3.47 3.69 5.35 3.75	- 1.46	1.01	10	T 0 0			8	7	1
DIVISION SOUTHERN DIVISION	0071		1						1		,							
ANDALUSIA ATMORE STATE FARM BAY MINETTE BREWTON 3 SSE CHATOM	58.2 60.0 59.5 57.6 57.7	4.1 4.1	82 81 82 83 83	3 2 2 2 1	31 30 30 25 25	17 20 17 17+ 17+	0 0 0 0	1 5 2 7 8	2.40 1.97 1.53 3.76		1.48	14 10 22 10	0 0 0 0 0		1	6 6 9	3 3 1 5	0 0 0 1
CITRONELLE DOTHAN CAA AIRPORT EVERGREEN CAA APT FAIRHOPE FORT MORGAN	60.1 58.1 56.4 57.3 62.0	5.6	82 80 82 81 77	2 2+ 2 1+ 1+	34 30 25 27 42	17 18 17+ 17 15	0 0 0 0	0 2 7 6 0	3.80 1.98 3.01 .68 .53	- 3.26 - 4.41	.56 1.15 .21 .23	13 22 2 10 . 22	0 0 0 0			6 8 7 6 6	3 4 0 0	0 1 0 0
FRISCO CITY GENEVA LOCKHART MOBILE WB AIRPORT MOBILE WB CITY	57.8 58.6 58.7 59.0 60.0	5.3	, 81 83 82 80 79	3+ 8 13+ 2 2	30 27 32 32 35	17 18 17+ 17 17	0 0 0	2 5 3 1 0	2.97 1.66 1.94 1.92	- 3.94 - 4.39	.56 .67 .63 .37	; 10 11 14 22 1 22	0 0 0 0		1	5 6 10 10	1 1 5	0 0 0
OZARE ROBERTSDALE 7 E SPRING HILL	59.2 58.9 58.9M	6.2	80 79	2 2 3	32 31 33	17 18 17	0 0	1 4	2.16 1.45 1.93	- 3.98 - 3.59		13 13 23	0 0		1	7 8	3	0
DIVISION STATE	54.4	5.5						t		. 1.05	. !		Т				1	

Table 4																															ЫB	ALABAMA RUARY 1950
Station		1	2		4	5	n	7	8	9	10	11	1	.2 13	14	Da 16	y of le	month 17	18	19	20	21	22	23	24	25	26	27	28	29	30	31 2
ABBEVILLE ADDISON ADDISON CMTRL TOWER ALBURTA MLD AVILLE 1 8		.27	.86	1.42 .14 .51			,	1 .9	2 7	3 .	69 84 63 2 20	1 3) 2	23	1.4	7 .19 3 .32 3.31	.1	7					. 03	1.46 .30 .43 .22 .35	. 52					1.91			3.28 7.70 6,52 3.48
ALLYMITE CIY 6 No ALLOWED II ANLACUSIA ANNAY WE TOPOG ARMY		1 39 1	1 1 54	65 1			I	3 7 1 3	5 1	1 7 9	1 1 1 2 18 95 67	2	21	• 1.2 T1	2 2.56	3					1		.78 .07 1.30	.07						1		3.36 4.81 2.40 4.43
ASHLANI ASHVILLE ATHENS ATMORE STATE FARM AUBURN		. 4	13 63 92 16	41 ~2 30			(1	6 8 1 8 3	5 4 7 >	1 1	1 % () 6 % () 6 % () 6 % () 6 % () 6 % () 6 % () 7 % (,	1	.3	3 .27 .40	0 .01							.34 1.27 .21 .50 .57	,14 T			.11					7.57 5.66 3.29 7.31 1.97
AUBURN SCS 10 AUGUST LLTS L	R	.15	.68	.18				2.1	8 .3	5 1	0 6 17 1 25			.32 1.4	2.10	5				.18			.68 .51 1.20 .92	.26			.10					3.44 3.38 3.63 10.50
BELG. EN BELLE WING 2 N DE. A. 2 S- BILLINGSLIY	n R R	.72 .22 1 .78	.86	.90			.0	4 .8	4 .0		2 76 6 15			3,3; .0; 1.7; 3.3;	1 .50 3 1.84 1 .36							.23 .05 .25	.40 .33 .46 .25 .33						1.73 .68 .28 1.47			8.87 7.03 8.60
BIRMINGHAM WB APT BIRMINGHAM WB CITY BISHOP BRANTLY BREWTON 3 SSE		T 1	.21	T .03 .55			. O:		7 T	8 7 7 8	t 28	0.		r .2	.13 .25 .25 .91				Т	T .08			.47 .49 .66	.03		.05			.10			3.02 4.28 4.31 9.06 3.05
BRIDGEPORT 2 W BRUNN IDGE CYLE LOCK CAMEDIA CAMEDIA		.04	.47 .28 T	T 2 2 2 . 05	.06	. 03	4:	2 1.3	. 31		1 62 5 2 1		0	.01	.41								1.17	.61 1.58 .56 .02					-20			5.37 3.69 4.13 3.33
CAMP HILL 2 NW CURDON HILL CENTER GROVE CENTER OF THE F		.45 1 .64		2.20 .92 .25	1			1.00	.11	1.8:	3 63 10 8 73	19		.16	.86 2.45 51	.05						.01	.51 .65 .42 .32 .89	.19			.04					3.25 4.50 8.36 6.89 3.68
CHILE SBURG CITEONTHE CLANION CLANION COLLET SPRINGS		r2	. 04 T	.05				.54)	9,	3 1.05 0 .68 8 2 00 .76 1 30	21	5	1 01	.20							,	.40 .95	.90 .47 1.00			.78					3.76 4.26 3.80 5.21 3.39
COLLINSVILLE COLUMNIA COTOON COTOON COURA DADEVILLE		.05	.38	.80 .80 .03				1.30)	. 31	8 39	, 410	7	61	.68 .44 .86 1.35						1	4	.22 T .25 .22	.17 .56			T					3.85 1.97 4.99 3.63
DADEVILLE NO 2 DANCY PANVILLE BAYFON DECATUR		.24 1	.03 .33 .46	. 81			. 05	.35 .09 1.15	.10	1 10	3 75 0 ,32 3 ,12 7 1 49			.19	.54					.03			.61 .63 .35	.06		, 01						4.15 3.52 4.54 6.83 3.28
DECATUP NO 4 DECATUR SUBSTATION DEMOPOLIS LOCK 4		.16 1	.29 1	1.08				1.37 1.09		. 63	3 33 5 23 2 1 14	. 24		. 03	2.00 2.07	. 06				.04)		.40 .36 .18 .56	T .01 .86 .03 .83								7.21 7.42 6 73 3.59 1.98
FLRCI FUFVULV -UTIVE LOCK NO 7 FVERGIFFIN (AV APT FALIGIOP).		.01 .43 1	. 48	. 1 -				. 16	.36	Iŧ	.98	. 26		12 .06 .09	1.86 .16								.20	.36			.15					2.48 4.42 2.92 3.55 3.01 .68
FALCO 5 N- FALEN II.; FALIS I'V H NW FAREEY FAYETE		.55 1	.75 1	.50 1.00 .07 .79			, 25 T	.03 .76	1.00	6' 5 5.8	14 .29 36 2		7	.19		.05				.09			.45 .30 .29 .38									1.64 5.34 5.75 7.46 6.05
FLAT ON K FLOORN .T LOOK FORT .TFF IF FORT MORGAN // FORT PAINT	z	. 40	. 76 . 63	. 49 . 08 . 05 . 55		٠	o T	. 87	.05		69 4 1 63 3 3 30	41	ì	.04	3.30	. 04		٠		.03	٠	•		T .16			0	٠	.95			5.78 7.12 3.08 .53 4.43
PRISCO CITY GATESIEN GATESIEN GARLEN ITY GENLY,	z l	r .	. 58	.36 .68 .31				. 02	. 52	I	63	0.1	\$ \$ \$.!	T 01 .44	.70 .42 1.48 .62	Ţ							.56 .17 .59 .27	.56 .20 .68 .06			.02					2.97 3.92 4.66 5.19 1.66
GOO, WA GORGAS GREENSONO GREENVILLE GREENVILLE NO 2	R	.08	.08	.42 .91		.03		.16		> 1	7 4 7 5 7 4 2 5	\$1 7	7 .1	05 .41	.44								.15 .16 1.07 .12 80	.53 .13		.09	T .63					5,41 4,80 3,83 1,63
GUNTERSVILLE DAM		.06 .	.79 .62 .14	.86 .82 .84			.11	.43 .29 .90	.17	7.4 3.1 22 2.7				.09 .19 .70		I 03				.01		02	.03 .31 .15 .44	.18			.02		• .			3.80 6.92 7.96
BARCISEL (G. 6. ST SLAYN VICE) STIGHT S. HOME BIGHTOR:			.14	.34				. 70	т	y -	1 17	2 "	,	T	.35 .32 .55 .67				1	ŀ		.10	.35	.97 T .40			,32		,			5.06 2.65 4.28 2.03 5.02
HOUSES THE SUBSET HUNES OF THE	1 Z	.12 .10 1 .77 1 .86 1	.80 .58 .03 .18	.82 .90 .48 .53			.01	1.10 .93 .67	.02	15 ±	4. 4.			.14	3.70 .55 .49 .86 .38	1				.02		.10	.97 .34 .42 .61	.07				1	1.20			9.07 5.07 7.36 7.01 2.78
JACKSON . BUTL. JACKSON . IL., JOTES W LY TAY LAY LAW	d .		.14	.48				. 50 . 88 . 55 . 04	.05		. 7		÷	.12	.61 .45 .35								.35 .52 .28 .70	.40 .31 56		. 02	.14		.25			4.22 4.38 4.12 3.02 4.60
LES G LINCOLN LON LINCOLN LON LOCKER I		.07	.69 .46 .66	.35			T	. 52 . 88 . 73 . 02	.18 .09		- 10	4	. (.40 .41 1.33								.38 .14 .92 .35	.24	.02				. 52			3.86 4.21 4.87 1.94
DOCK NO 17 MAI I JAN MAG I JAN MAG NO 1 N 1 N 1	R Z	.05 1.	.16 .05 1 .39	.67 .47 .35				.01	1.00	113	. Att	-		.01 T	1.02 .62 .21 .20 .34						.01	.01	.50 .28 .65	.19 .02 .22	.02		.02					4.25 5.77 3.86 4.88 3.36

DAILY PRECIPITATION

Table 3—Continued																	_												FEBR	UARY 1
Station																ay of					,									
		1	2	3	4	5	6	7			10		13			16	17	1 '8	19	20	21	2.2	23 24	25	26	27	28	29	30	31 -
MARION JUNCTION MARION JUNCTION 2 N MARTIN DAM MAXWELL FIELD MELVIN				.21	.11			.03	. 51	1.02	1,15	. 77		14 F 1.	18						. 15	.20 59 60 43 27	40 30 93		18					4
MERTZ 3 E MIDWAY MILLERS FERRY MILSTEAD WITCHELL DAM	R			,24			. 03	0'	1.66	.28	2.12			T .)4 .	58 53 75 24						٠	.90 75 43 10	41 32 37	. 40	. 04					4 4
MOBILE WB AIRPORT MOBILE WB CITY MONTE SANO MONTEVALLC MONTGOMERY WB APT	z	.17	.10 .06 1.88	T .02 1.00			.12	.01 .01 1.25	.02 .05	.03	1.48		24	(12	09 15 74 20							.50 43	14 1 52			10				1 5
MONIGOMERY WB CITY MOULTON MUSCLE SHOALS CAA A NEW BROCKTON NEWBURG	Z R	T 1.18 .67	. 59				.61	.18 1.56 .96	.13	1.30 .55 .42 .15 .67	T	т	T	2.50 .	30 85 61 T 49 78			.03			.04	.51 .31 .17 .93 .27					.94			97
NEW MARKET NEWTON ONEONTA ORRYILLE OZARK		.10	.78	1.18			.80	.64	.40	.81	.07 3.00 .55 2.12 .53	.08			82 . (04 50	5						.50	.97							5
PAINT ROCK PALMERDALE PENNINGTON LOCK 2 PERRYVILLE PETERMAN	R R	1.63	1.13 1.05 .11	. 48			.03	1.35		1.29 .42 .05	2.10	.72	.06	. 60	26 25 47 29			,01			. 03	. 54	.22		-		1.49			3 3 2
PICKENSVI'LLE PINE HILL PINE LEVEL PLANTERSVILLE PLEASANT GROVE SCH		. 75	1.02	3,79	. 27		. 03	2,65	.17		.60 2.00 .63 1.75 .25	. 46 . 12 . 36	.12	.40	10							.10	.40 .40 .41 .55							13 3 2 3 7
PLEASANT HILL PRATTVILLE PRIMEOSE FARM PUSHMATAHA RED BAY	R	20	1.08	.27				*	-	-	1.80			* 2. 1. .59 2.	05 17	~	-	~	-	-	-	. 56	. 35	-	-	-	-			2 4 7
RÉFORM RIVER PALLS RIVER FALLS 2 NE ROBERTSDALE 7 E ROCK MILLS	R	.19	_	T -	_	T -	.03	- 30	.18	- 1	.39 .35 1.58	. 88	.02	.25 .	56 77 15 11 25							. 08	. 45							1 4
SAINT BERNARD SAND MTN STA FRM AP SAYRE SCOTTSBORO SCOTTSBORO SUBSTA		.25 .10 .08 .75	.93 1.32 .79 1.20 .96	.75				.60 1.10 1.04 1.20 1.73	.97 .03 .03 .01	.94 .53 .25 .81 .59	.25 .32 .63	.30 .03	.02		59 53 53 58 41 T				.05			. 25 . 62 . 25 . 65 . 36	.08				.37			5 4 5 5
SELMA SHEFFIELD TVA NRSY SHOEMAKER SPRINGS SLOCOMB SNOW HILL		.32	.74	. 01 . 48 . 53			*	1.48		. 68	2.61 * .24 2.40	.41 .24 .17		.69 3.	25 14 T 04 56 17						.10	.07 .38 .48	.43							8 1
SOUTH HILL SPRING HILL SUTTLE SWAIM SYLACAUGA		.04	T 1.38	.15				1.12 .10 .02 2.04 .02	.15	.24	.11 .35 1.56 .06 3.47	.04		.06	22 10 25 60 .0	14			.03			.29 .56 .16 .62	.09 .57 .24		.02					3 1 2 6
STLVANIA TALLADEGA TALLADEGA HRR MT TR THOMASVILLE THORSBY 1 SW	R	.13	. 53	.60 .13 .08	.12			1.20 .74 .50	.03	1.58 1.38 2.06	2.20	. 42	т	1.	55 .0 25 24 67	14						.26 1.55 1.14 .08 .80	. 22 . 07 . 08 . 29	.16			.08			3 3 4
THURLOW DAM TONEY TRAFFORD TROY TUSCALOOSA CAA APT	R Z Z	.95	.95	1.00			.62 T	.40 .71		1.20 .20 1.71	1.55	.60	.14		05 44 84 54 45 T				т		.19	.44 .29 .24 .10	.10		.01		1.01 T			6 4
TUSCALOOSA LCK DAM TUSKEGEE UNION SPRINGS UNIONTOWN UNIVERSITY	Z	.02						.14	.06	.03	1.84 1.01 - 1.80 .30	.05	-	.02 .	56 83 T 57 50							.36	.38 .37 T		.20					3 4
VALLEY HEAD YANCE VERMON WADLEY WALLACE	R	.04		. 33			.04	1.70	.25	. 25	1.84 .13 2.45 .13	.11	.02	3.40	82 53 40 74						.07	.63	. 39 . 90 . 78		-		.45			5 8
WALNUT JROVE WATERLOO WEST BLOCTON WETUMPKA WHATLEY		*	1.50	.40	.07				.82 T		.82 1.12 1.85 1.17		.11	.18	62 75 33 48 12			8	.10			1.74 .95 .35 .27	.51 .22 .37		.21	.11	.30			8 5 5 2
WHEELER DAM WHITFIELD LOCK 3 WILSON DAM WINFIELD 2 SW YATES HYDRO PLANT		. 43	, 68	.54 T .59 2.32			.07	7.2	. 11	. 51,	.09 1.86 .41 .26 1.47	T .31	T	60 46 2.	40' 27 .6	14 T			.08			.35 35 36 36	34		6.1					7 3 7 9 5
YOUNGS STORF			. 2*				15	1 -		. 64				٠ 3.	25							66.								8

Table 4								O I L							*									PER	RUARY	1950
						A. 1	M. Hou	r endu	ng									P. N	f. Hou	r endin	ng					
Station		. [-		62				,,]	,,,													4
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	19		r			•	31	3/.	20	
													-ls	+-												
ADDISON									0.	05	.01	. 23	.10		01			,	٠,٠	10	05	- 1		.01		
ANNISTON WE AIRPORT ATMORE STATE FARM	6	.03															0.1	13								11.5
BERRY							-		. 04	05	.01		. 06	.14	.10			011	94			0.7	2.1			7.1
BEXAR 2 SE BOAZ							. 11.1		() /	05	.08	. 13	.05	.10	. 14	1).	. (3),*	WI	())	15	1 4		1	*		
EVERGREEN CAA APT FLAT ROOK	6														.17	. 94			11	1.7						.;
GARDEN COLY																					.01		,		. 1	22
GUNTERS VILLE REC HALFYVILLE								11	٠.	.03.	. 04	.10	.07	.07	.10	.14		, 10	4.6	.02	14	-	-	70	7	(11
JACKSONVILLE MOULTON	6						00		•	0 1	*		* 1	.60	.01	*	*		1	Ti			10			
MUSCLE SHOALS (AA A	ò	.12) 1		, 02	00	. (-1		15	.11	.04 + 1	.03	.33	. 04	, la		0 (10)	45	. 01		4		-	1 14
PAINT ROCK RIVER FALLS / NE			-											10	.33	.09		10	,(1	(-		1
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BELGREEN BEXAR 2 SE		017	.01	00	20	.30	.01	1	.02	.25	.08	.12	.14	.16	.01	1.0		-1	٥٠.							1
BIRMINGHAM WB API BOAS CAMPPEL:		422	.01	. 03	.06	.06	.02	12	7.1	. 02	1	.05	3.	.01	22	.18	. 11	1	0.1	1.0	-0					133
DADEVILLE NO 2																0.4).5		.01	- 1 6	7				-0.0
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PLAT ROX :: PORT MORGAN	//	36	.01	1	Ь		0.7		.02				. 08	1.7	01	.09	- 13	08	. 1 9						. 05	-
ORT LAYNE OARDEN TITY GUNTERSYLL UKC		705	.09	4.5	09	.06	5.		, 02		.40	.29	.10	.08	08 41	.14	1	0.	07	03	.01					1.95
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ANNISTON WR AIRPORT BUTAW LOCK NO 7	6	.01																								٠.
EVERGRIEN CAA APT	6	1 15								,								,								
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MODILS WE TY MUSCLE SHOALS CAA A	6	01	17																							6.1
TUSCALOOSA CAN NPT	6	.00																								
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BERRY CAMPBELL							. 04	.02																		1
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BELGREEN													-6t	h-				.02							1	-
BEXAR 2 SE BIRMINGHAM WR APT									.01															.84	3.7	· · ·
BOAZ BUTAW LOCK NO 7														.01	.02						04				٠,	
PORT PAYNE GARDEN CITY																									=	;
GREENVILLE NO 2 GUNTERSVILLE REC													.02													1 1
BALBYVILLE BUNTSVILLE	6											0		.05								,		1	. 1.	
MOBILE WE SIRPORT	6																				*		^			
MOULTON MUSCLE SHOALS CAA A	6			,				375						.07										1.50		1
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VERNON						.01			, 47.0	: "		.04														1
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ABEEVILLE ADDISON		.25	4	.01	01	. 11	44.4	01	_	.01						,02				.02						
ANNISTON WB AIR ORT	6	.23		. 17 [08	46	0.1	16		06		.01		. 25												
AUBURN SCS 10 BELGREEN	//	41)		0~	76		-	12	, , ,	06	.10	, , , ,		.01												18
BEXAR 2 SE BIEMINGBAN WE APT		11) 1	0	86	11				.01	.01			, , ,												11
DADEVILLE NO 1		0.0	07	0.7		01	0.1	.16	.24	.01			1	.01												6.1
PORT PAYNE GARDEN CITY		01	71 31	13		d,	. 1	.16	.03	.02	.01															1 41
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ALABAMA FEBRUARY 1950

						A. 1	M. Hou	ır endi	ng									P. N	f. Hou	r endi	ng					
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	-
NTERSVILLE REC		.04	. 05	.01		.18	.11							.02									-		-	-
LEYVILLE INTSVILLE	6	.72		.01	.01	*	*	. 65	.09	*	* .	*		, 02												
CKSONVILLE Y DAM			.01	.12	. 23	.05	.01	.13	.19	. 13	.01															
DWAY BILE WB AIRPORT	6	.12							*	*	*			.35												
BILE WB CITY NTGOMERY WB APT	6			.01							*			.13												
ULTON SCLE SHOALS CAA A	6	.54			.37	.18	.62	.33				_		.13		1		.06								1
INT ROCK	0	.61	.19		.08	.09	,33	. 05																		1
ORSBY 1 SW		.01				.39																			.60	
AFFORD SCALOOSA CAA APT	6		.09	.60	*		*	.01	.02	.03	*	10	*	.06												
IVERSITY RNON					.01	.08	.01	.03	.01			.01	.15	.01	.01											
													-81	h-												
BEVILLE								.08	.05																	
NISTON WB AIRPORT	6							,	* ,06	.33	.01	201	# [.08	*	*	*	*	16 - {	.01						
RRY THAN CAA AIRPORT	//	1							.00	. 55	.01						0.5								.02	
AT ROCK	^	*	*	*	*	*	*	10	1.76								.05		1							
KSONVILLE CKSONVILLE	6										. 03								- 1			*	*	*	. 02	
WAY DAM		.02		.01	1.27	.08	.03	.04	.08	.10	.02	.01														
BILE WE AIRPORT SCLE SHOALS CAA A	6								201	*	101	*		.02		1			- 1		28	z k				
RSBY 1 SW		.02																								
													-91	th-												
BEVILLE DISON			.01	.09	.18	.01	.19	.01	.01	. 02	.01	.01	, 05				.01		.47	.11			.01	. 01	. 01	1
ISTON WB AIRPORT	6		30	*	.01	.01	* .03	.26	.09	.18	101	.39	*	.82	.09	. 05	. 03	. 02		. 01		01	.01	.01		
ORE STATE FARM	//	ļ			.01	.01	. 03	. 42	.05	.10	, 10	. 55	. 55	. 29				.43		.01		.01		.01	, 03	
GREEN		.11			0.1		.18	.21		0.1	0.0				.47	.02	, 03	, 02	.03							
RY AR 2 SE		. 03			.01	. 14	,21	.07	.01	.01	.03	. 13				- 1			1		.01	.01	.01	. 01		
MINGHAM WB APT			.09	.14	.04			. 14	. 04	.07	.17	.18	.05	.07		.01										
PBELL EVILLE NO 2									.07	.07		.01	. 09	.02	.20	.05	.01	.01	.01	.01	.01		. 03		. 01	
THAN CAA AIRPORT										.01	.37	.10	. 02			.15	. 04	.01			. 01	.01	.07	. 03	.01	
RGREEN CAA APT	6	į		.07	.01		. 28	. 17		.06			:		,04	*	*	*	*	. 16	*			. 00	.01	
T MORGAN T PAYNE	//				.01	0.4			10		0.5			00	.04	- 1	-	7	.11	•	-	-		•		
DEN CITY				. 05	. 03	. 04	.21	.06	.19	.03	. 05	.0i	.10		.01									.01	. 13	
TERSVILLE REC			.09	.01	.06	.34	.01	.10	.01	.09	.08			.03											. 03	
TSVILLE KSONVILLE	6	.03	*	*	.04	* .18	.14	.36	.10	.01	*	.08	.23	.32	.08											
DAM K NO 1						. 09	.73	.31		.01	.01	. 82	.19		.06	.09	.02	.02	.01		.01		.01	.01	. 05	,
NOLIA ION 1 SSE				. 13	.01	. 05	.03					.09	. 09	.55	.12	.03	.02		.02	.01		.01		. 04	.02	
WAY BILE WB AIRPORT	6			. 10	. • .	. 00	, 00			i			. 0.0		.01	.08	.11	.06	*	.02		.01	. 03	. 03	.03	
ILE WB CITY										i								.01	.01	.01	_					
TGOMERY WB APT	6	.20					.11	.14	.08						Mt	*	10.	.02	20	.11	*	*	٠		*	
CLE SHOALS CAA A BROCKTON	6	. 03	*	*	*	*	*	.38		*	*		*	. 04	.02	.01		.10	. 02							
NT ROCK ERMAN				.21	.11			.38	. 13	.09	. 08			.12		.19	. 17	.09	.01		.07				. 03	
ASANT HILL RSBY 1 SW			.01			.27	, 66	. 05			.01	.49	. 21	. 06	.06	.29	. 20	.04	.02	.01	.01	.01	. 01	.01	. 06	
EY FFORD		.01		.10	.01		.50	.40	.11	.01	.09	.09	.10													
Y CALOOSA CAA APT	6		.03	.01		*	.10	.03		*	* 1.72	.05			*	.35	.77	.02		.01		.01				
VERSITY	Ü			_	20	.01	.01	.01	00	.44	.70	.07			.01			.01	7	. 04		7			. 04	
NON				.04	.36	.19	.04		.02	.23	. 05	. 05														
					0								-10													
EVILLE ISON					. 01							.26			.04	.01	.01	.01								
ISTON WB AIRPORT	6	02	.01	.01	.01	.04	.07	.04	.08	.03	* . 07		,02	.18												
ORE STATE FARM URN SCS 10				.08	.01	.01	.11	.28	. 03	.02	.05	.06														
RY MINGHAM WB APT		.02	.01	.02	.01	.02	.03	.04	.09	. 04	.04	.01	1								. 03	.01				
Z		.05	.11	. 06	. 02	.08	.01		.01	.02		.01			00	-										
PBELL EVILLE NO 2		.03	.03	.04	. 13	, 63	.24	. 16	.30	. 14	.01	.06	.02	.01	, 02											
HAN CAA AIRPORT AW LOCK NO 7			.01	.05	.01	.11	.12	.04	.03		. 03	.35	,04				. 01									
RGREEN CAA APT T ROCK	6			.06					*	*	*	SF.	*	.31												
T MORGAN T PAYNE	//	. 02	.04	.01	.01	. 03	.07																			
DEN CITY		.08	.02	.04	.05	.03	.02		.01	.01																
KSONVILLE			0.1			0.0	.01	.01	.11	.10	.02	.03														
DAM K NO 1		.05	.01	.01	.01	.07	.11	.19	.06	.14	.01	.01	.01													
NOLIA ION 1 SSE		.02	.02	.01	.90	40	.19	.21	.28	.32																1
WAY SILE WB AIRPORT	6					. 01	. 25	.36	.02	.06	.21	.05	* 04	,22								- 1				
TILE WB CITY	6	.04	*	*	*	*		1.10		.17	. 06	.01	*	.35												
BROCKTON		.02			. 02	. 02	.08		. 05	.10	.12	.01	i	.03	. 04	.01										
		.02	.07	.12		.50	.41	. 13	.18	.09	.06	. 05				1			- 1	4						

See reference notes following Station Index.

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Station		-		1		A.		ur endi	ng								P.	M. Ho	ur end	ing		7			
		' I	2	3	4	5	6	7	8	C)	10	11	12 1	2	3	4	5	6	7	8	9	10	.1	12	
IVER PALLS 2 NE HORSBY 1 SW		. 0			-	07		8 .16	09	15	02	01													
RAFFORD ROY USCALOOSA CAA APT	.3	0)	. 0	1 0	7 01			0.5	16	03	33														
VIVERSITY ERNON	0	12,	3 -	01	1, 04	. 03	3 01	1 .11 02	05		01	.01	* (8											
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REENAITTE NO 3		-	_	-	-	100	-	-	-			-	-llth-			[
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MORE STATE FARM TAW LOCK NO 7																					.08	.05	. 01		
GNOLIA BILE WB AIRPORT BILE WB CITY	6																					.09	.07	.01	
SCALOOSA CAA APT IVERSITY	6																						.01		
													-13th-											. 04	1
BEVILLE DISON					00		0.0						-10111							.01	. 02	. 02	. 02	2	
NISTON WE AIRPORT	6		*		.02	*	.01	.02	.01		-								.03	- 8	.49	. 34			1
BURN SCS 10 LGREEN			. 03			.11	.10	.01		.03			1	. 01	L .03	.07	.41	.29	20	. 03	.02		.10		2
CAR 2 SE MINGHAM WB APT			. 01										.01 .0				.44	.27		. 58	.34	. 67	.51		3
PBELL EVILLE NO 2																	.01	.31	.01			.01		.05	
HAN CAA AIRPORT					.02											.11				.01	.01	.02	.10	.08	
RGREEN CAA APT T ROCK	6	1														,02	.07	. 09	.06		4	*		•	
T MORGAN T PAYNE DEN CITY	//	.04								1														07	
ENVILLE NO 22 TERSVILLE REC																				.02	.03	.09	25	.01	
EYVILLE TSVILLE	6		.03	. 06	.16	.18	.11	.11		1							.07	.41	.31	.18	.03	.01	.05	.10	2
SONVILLE NO 1												.01	. 02	. 01	.01		.07	.06	.02	•	*	٠	.03	.09	
OLIA OR 1 SSE LE WB AIRPORT		01								į								.01	.06	.21	.10	.18	.01	.01	
LE WE CITY	6 '	.25	.02	*	*	*	*	.10		j			į								į			i	
LTON CLE SHOALS CAA A	6		.03	.04	.12	.07	.07	.37										.40	.47	.50	.30	.34	*	.16	2.
BROCKTON NT ROCK		1															-	- 1	. 12		. 03	. 19	01	01	
ERMAN ER FALLS 2 NE EY																	.01	.02			.24	.28	.02	.05	
FFORD Y																			. 07	. 08	.12	.45	.16		
CALOOSA CAA APT VERSITY	6	.29		.01	.01	*	*	.10		1				+	.4	*	٠	.03	.05	.03	* 01	06 *	.16	.01	
NOK						.19	.04	. 01						.02	.02	. 13	. 92	.56	.17	.30	.18	.30	.33	.23	
EVILLE		. 03	.01	.01	. 04		.08	.02					14th-	-											
ISON ISTON WE AIRPORT	6	.16	.01		.29	.01	*	.10																	۰
DRE STATE FARM	//	.09	.01	.01	.09	. 04	.04	.01																	
URN SCS 10 EREEN BY		11	.18	.13	. 02	. 56	.39	. 08	4				0.7												
AR 2 SE MINGHAM WB APT			.02	.01	.02	.01	.06				-		07												
Z PBELL		.05	.01			43	. 01														}				
EVILLE NO 2 MAN CAA AIRPORT AW LOCK NO 7		.01	.18	. 02	01		.09			. 01.			1					1			1			!	
GREEN CAA APT	6	.25	.13	.02		.42	.01	. 09																	
MORGAN PAYNE	//	.04	.02	.04	. 04	.01	.01	. 01										1							
DEN CITY INVILLE NO 2		. 08	. 01		25 20																				
ERSVILLE REC SVILLE	6	. 19	.56	.63	.01	٠	. !	.01		-											-				
DAM ILLE	0	.14			.01	.32	.41	.49																	
NO 1		.10	.06	.01			. 51																		
ON 1 SSE		12	.16	. 18	. 10																				
LE WB AIRPORT LE WB CITY GOMERY WB APT	6	14	.01					.09																	
TON LE SHOALS CAA A	6	10	.40	.30			*	. 05		t I	0 1		. 04											1	
BROCKTON TT ROCK		1	.01	. 23	.02	.23							, 0%									.03	. 02		
SANT HILL				.24	04	.02	.02																		. 1
ER FALLS 2 NE RSBY 1 SW EY			01	. 33	. 35	01																			
FORD		03		03	11 68 01	01																			
CALOOSA CAA APT	6	31	. 30	. 15		.01	•	44																	
NON		31	. 18	.04																					

ALABAMA FEBRUARY 1950

Table 4-Continued							10	011.	L1	1 111		LIIMI	-	١.	_					_			FE		Y 1950
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PLEASANT HILL				-	-			_			-			-		-	_	-	_	_	-		-	_	-
TUSCALOOSA CAA APT	6	.01										-17	+h_												
FLAT ROCK								٠			*		*	٠	*	*					*				
												-18	th-												
ANNISTON WB AIRPORT MOULTON	6	-	-		-	-					-			-	-	-	-	-	-			03	-	-	. 03
MUSCLE SHOALS CAA A PAINT ROCK	6																			6	.01	*		*	01
												-19	th-												
MUSCLE SHOALS CAA A	6	04										01													
ADDISON												-21	st-										01	02	03
BELGREEN BERRY																,01	.01	.02		0.		.02	.10	01	. 23
BEXAR 2 SE EUTAW LOCK NO 7 GUNTERSVILLE REC																				.01		. 03	06	.15	. 25
HALEYVILLE HUNTSVILLE	6																					٠	.06	09	15
MAGNOLIA MARION 1 SSE																			+	٠	*	*		.01	.01
MIDWAY MUSCLE SHOALS CAA A PAINT ROCK	6																			`	*	+	01	.02	. 93
TONEY TUSCALOOSA CAA APT	6																			*	. 03	. 05	.02	.09	. 19
VERNON												-22	24										.02	. 05	. 07
ABBEVILLE					01	.01	. 021	.07	04	.01	.05	14 . 41		26	01										1.46
	//	.03	. 45	.07	. 95	.05	.04	.03	.19	45	.22	08 .07						.06	. 04	0.5	. 04	04			1.27
ATMORE STATE FAR. AUBURN SCS 10 BELGREEN		16	. 05	.98	10	.02	.08		.0.1	.00	15	10													.48 .68 .33 .25 .33 .47 .38 .51
DERRY PEXAR 2 SE		.10	05	.00	.09	.06	.07		0.5	0.1	01	01						00							. 25
BIRMINGHAM WB APT BOAZ CAMPBELL		. 01	.06	()1 ()7 ()4	02 02 01	.01	.09	.10	.05	. 16	.10	.01	.01				.16	, 03							.38
DADEVILLE NO 2 DOTHAN CAA AIRPORT				. 05	. 11	.11	,04		.02	13	.03	06 05 .30 .02													. 50
EVERGREEN CAA APT	6	01	. 04	*	9	* *	*	.06	1.21	10	* 01	* + 07	.70				.16								1.37
FLAT ROCK FORT MORGAN FORT PAYNE	//			.10	0.3	92	.01	.10	04	05 06	01	.01	.05	.09	03		.10								.57 .22 .44 .33 .80 31 .23
GARDEN CITY GREENVILLE NO 2		6.0	05	. (14	0.0	01	.04		.08	, 0 ₀	. 11	.19 .01		0.0											. 33
GUNTERSVILLE REC HALEYVILLE HUNTSVILLE	6	.08	02	00	.06	.04	.03	.07	*	,	*	* *	04	.03				*	, 03						. 23
JACKSONVILLE LAY DAM				.01	.01	.01	.01	.14	.08	04 08	.03	.08 .02	.01				.01	.04							52 52 .60
LOCK NO 1 MAGNOLIA MARION 1 SSE		0.	. 00	01	.02	. 04	.03	.05	() 1	.19	98	01		*		k	.01	.01		,				. 76	.65
MIDWAY MOBILE WS AIRPORT	6				. 0		*	*		4	*	* *	.60	. 75			*		01					.,,	. 75
MOBILE WB CITY MONTGOMERY WB APT	6	19	* 02	* 0%	4	, Jk	02	.05	.12	.07	. 10	.01	2.1												.37
MOULTON MUSCLE SHOALS CAA A NEW BROCKTON	6	1 1	^		. 05	. 14 *	.01	16		03	.20	.06 01	.17	¢		٠	.01	4	01						. 93
PAINT ROCK PETERMAN		. 01	. 31	.00	.01	; = 0 ; n,,	.)[07	15	. 1.)	. 18) ÷			.02										. 54
RIVER FALLS 2 NE THORSBY 1 SW TONEY		61	.01	.01	n1	,	. 60	07	. 33	. 15	12	07 .01	,	*			-		,			,			. 34 . 77 . 80 . 29 . 32 . 81
TRAFFORD TROY		01	.).3	, thi		.91	.).		.03	.21	.01	.01						.01	4.5						. 32
TUSCALOOSA CAA APT UNIVERSITY VERNON	6	.01	01	.00	11	07 07	.10	. 10		0;		.01	.24	*	•	.13	,	*	45						. 78
												25	(3.												
BIRMINGH1 M WB APT DADEVILLE NO 2												-25	ın-			.05		,	.01						05 .01
GARDEN CITY GREENVILLE NO 2													.01)8					.07	.02					.12 .09 02 .40
JACKSONVILLE MIDWAY															.02		15	.01		.01	, 39				.40
THORSBY 1 SW												0.0	. 7				. 1.0	.01							
FLAT ROCK												-26	th-										•	*	
												-28													
ADDISON ANNISTON WB AIRPORT	6	~		_					0 .	-	-	04 - 04 04	.11	.01	.06	.09	.07	. 02	-	.62	.09	.35	37	. 23	1,91
BELGREEN BERRY BEXAR 2 SE									9.4		.89	.04 .03	.02	. 12	06	.01	.09	.01		.03	66	.01	.02	13	. 28
BIRMINGHAM WB APT BOAZ													. 06	.04	.03	.01	05	.02	. 01		.05	. 17	. 28	03 37 .10	.10 1.20 .10
EUTAW LOCK NO 7 FLAT ROCK FORT PAYNE		٠		*	٠	*		4	4		*		*	. 08	* 05	* . 05	.10	*	* . 03	٠	*	.12	.03	. 95	. 95
GARDEN CITY GUNTERSVILLE EC										£	4	* *		. 05	*	.02	01	.08	.01	0.7	*	. 03	. 04	.04	1.91
HALEYVILLE												.04 .10	, Ub	.05	. 13	.04	. 05			.01	.07	. 73	.50		

See reference notes following Station Index.

Table 4-C. Etinuesi

HOURLY PRECIPITATION

ALABAKA PERRUARY 1950

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	Stah n						А	м н.	i. et 1.	lisj							1)	Z 11 .	- 1	D.,					É
	Stah n		1	4.	9	-1	5	٠			6				×.	4		r	П		•	0	D	* 4.	400 L
DIVERSIAL ALESONYHLE MOLLON MIS-LE SMOSLS PALNT AUTH ONE (TRAFFOR LAIVERS FFY VERNOS		6										16	 	- t-	6. 0.1	* 1 (+*)			01	1.7	ie	01 0_ ()	*4 : : 0.	.61 * 3 471 16	25 94 44 91 11

DAILY TEMPERATURES

Table 5		-							_																				_		LDIC		
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	Day 15	of mo	nth 17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
ALBERTVILLE 1 S	MAX	70 62	73 58	62 32	56 31	64 32	65 50	68 56	71 54	60 47	57 47	61 43	64 36	64 55	68	60	44 28	47 26	59 27	66 29	57 26	64 35	64 51	27	63 31	69	53 30	48	56 39			-	61.2
ALEXANDER CTY 6 NE	MAX MIN	79 61	76 63	72 42	68 32	67 30	68 45	69 54	68 52	64 52	61 53	69 49	66	75 62	72 60	60	54	57 24	65 22	58 40	63 24	66 26	68 52	64 33	66 26	73	68 43	63 26	74 29				66.9
ANDALUSIA	MAX	80 64	77 63	82	60 44	63 44	67 45	77 52	78 60	75 60	76 57	63 56	74 58	80 62	78 59	71 41	56 34	51 31	60 33	67 44	65 33	65 33	72 48	68 36	57 37	70	77 50	67 35	66 45				69.4
ANNISTON WB AIRPORT	MAX	78 54	73 46	57 31	63	67 35	72 40	71 52	59 51	60 51	61 49	66 42	68 51	74 58	70 46	50 34	52 29	55 25	64	55 38	60 24	66 29	66 41	54 33	64 29	70	58 36	59 2 7	68 34				63.6
ATMORE STATE FARM	MAX	80 62	81	77 45	65 45	72 43	78 46	79 59	77 62	76 60	65 57	75 .55	78 61	.76 60	73	65	58 32	60 31	70 32	68 46	67 30	73 32	70 57	66 35	72 35	77	75 55	70 36	78 61		1		72.2
AUBURN	MAX	78 57	78 61	. 76 45	62 36	66 35	66 43	72 47	68 54	63 52	65 53	61 46	72 50	68 57	75 60	68	53 30	53 27	55 27	63 40	53 28	61 30	67 40	65	54 29	63 32	73 45	58 28	62 32				64.9
BAY MINETTE	MAX	81 62	82 61	70 45	67 44	72 43	77 47	79 59	78 63	78 60	65 57	78 56	77 58	77 59	74 55	57 38	59 33	61	69 34	66 43	67 32	74 34	65 57	61 36	73 37	77	70 58	74 37	78 39				71.6
BELLE MINA 2 N	MAX	63 50	60 53	45	57 29	66 30	66 39	72 56	66 53	62 55	41	69 32	68 36	73	67 51	56 35	52 30	53 25	69 30	64 31	58 26	67 32	67 40	53 27	62 32	67 35	68 28	55 25	56 37				62.3
BIRMINGHAM WB APT	MAX	77 61	68 42	55 35	63 32	67 38	72 53	74 55	71 55	62 56	57 43	65	73 56	73 63	71 42	51 34	53	56 25	68 30	55 33	63 26	68 33	68 38	55 31	66 31	73	57 33	61 27	68 43				64.6
BIRMINGHAM WB CITY	MAX	78 63	74 60	61 36	65 34	67 42	73 54	74 55	69 60	63 55	59 51	70 39	72 56	73	72 54	54 33	57 30	59 28	70 36	63 34	65 29	69 43	69 54	59 30	69 38	74 45	60 34	63	67 48				66.7
BREWTON 3 SSE	MAX	78 57	83 55	77 47	68 41	70 35	77 37	79 51	76 54	79 57	68 53	78 53	81 54	80 63	78 57	68 40	58 29	61 25	70 25	68 35	'67 25	72 27	68 53	63 36	72 32	79 37	70 55	69 28	75 33				72.6 42.6
CAMDEN	MAX	83 62	83 63	68 41	64 40	71 35	76 51	78 57	75 57	75 55	65 56	74 52	81 62	76 64	73 57	58 36	56 31	60 33	69 32	61 44	64 30	71 31	69 55	65 33	71 32	77 42	73 51	63 35	77				70.6
CAMP HILL 2 N	MAX	77 52	77 58	70 40	62 32	63 32	65 45	72 48	70 53	63 55	60	65 55	68 54	70 60	70 55	60 40	52 30	57 27	65 24	56 34	60 25	65 30	65 46	60 34	67 28	75 37	62 38	60 28	73 38				65.3
CENTREVILLE	MAX	80 66	74 64	66 41	60 40	64 36	76 52	74 62	70 52	66 60	62 58	70 52	76 60	76 66	72 60	58	54 32	60 26	70 30	59 40	65 28	69 30	70 58	58 34	69 31	76 40	70 48	64 32	72 38				67.9 45.5
CHATOM	MAX	83 61	81	67 41	66 41	73 35	79 41	80 58	79 56	74 59	64 56	77 54	79 58	75 65	74 52	57 33	59	63 25	71 29	66 40	68 25	72 26	70 54	65 32	72 30	79 38	75 52	70 30	77 36				72.0 43.4
CITRONELLE	MAX	80 65	82 66	69 44	65 45	71 45	77 51	78 59	76 63	76 60	70 57	76 55	76 63	74 65	73 53	56 36	57 35	61 34	69 40	64 47	65 36	72 40	67 58	62 35	71 40	78 52	68 58	68	77 50				70.6 49.6
CLANTON	MAX	76 61	80 63	75 40	57 36	62 36	65 38	74 47	72 58	69 57	63 56	61 50	68 50	72 59	73 57	66 35	52	54 27	55 28	66 31	56 28	60 30	67 33	68 32	54 30	66 31	76 42	55 30	60 30				65.1 40.9
CORDOVA	MAX	77 56	76 59	63 33	63 30	69 32	73 53	77 55	67 53	59 59	59 50	65 37	75 53	75 63	73 53	54 34	57 27	58 22	70 27	58 23	60 22	70 27	70 53	57 27	63 27	73 34	68 27	61 25	68 32				66.4
DAYTON	MAX	83 62	81 60	69 40	67 39	69 39	76 53	79 59	74 59	72 58	60 55	70 .53	78 61	75 65	73 56	39	31	27	70 35	62 42	63 30	73 31	70 52	62 32	70 32	78 44	65 47	72 31	77 44				71.5 45.6
DECATUR	MAX	63 51	62 42	51 31	56 31	66 32	68 53	70 58	66 54	61 51	52 44	61 35	71 42	75 58	68 49	50	50 31	53 28	69 32	63 33	57	68 37	64 41	52 30	61 36	71 37	64 30	54 28	58 42				61.€ 39.4
DOTHAN CAA AIRPORT	MAX	78 59	80 62	66 48	62 46	69 42	77 43	80 56	74 55	76 55	69 56	75 57	77 59	80 60	72 54	57 42	56 36	59 32	65 30	67 42	65 33	72 36	70 53	58 38	69 39	77 40	69 43	63 35	76 42				69.2
EUFAULA	MAX	81 66	80 60	78 53	63 39	70 35	73 39	74 56	69 55	· 75 58	64 55	71 54	78 54	73 61	71 64	64 43	57 33	59 29	72 25	64 42	66 32	73 30	67 49	67 38	69 33	73 36	70 52	64 30	71 36				69.9 44.9
EVERGREEN CAA APT	MAX	80 59	82 57	59 44	64 41	69 36	77 40	80 51	74 56	77 57	66 57	75 55	79 60	78 61	73 47	57 38	58 29	61 25	69 26	63 38	67 25	72 25	70 46	58 35	71 31	78 37	67 42	68 32	78 34				70.4 42.5
FAIRHOPE	MAX	81 59	81 55	63 44	67 39	71 41	78 41	77 56	78 55	78 54	64 54	78 52	76 59	79 62	74 41	61 34	59 28	64 27	68 30	69 40	66 31	73 29	70 48	61 32	71 34	77 41	75 42	69 34	77 40				71.6
FAYETTE	MAX	75 55	75 56	63 31	53 31	62 32	68 38	72 54	74 52	63 56	62 48	58 35	61 40	66 61	72 50	53 30	51 27	52 23	57 29	70 32	55 24	63 27	68 38	68	56 28	66 35	74 35	52 28	63 35				63.: 37.
FORT MORGAN	MAX	77 65	77 67	70 53	64 52	71 54	73 57	75 64	75 62	76 64	69 62	72 61	77 67	72 68	72 51	58 42	59 45	63 45	65 45	66 54	62 45	70 45	68 : 55 :	59 43	68 49	72 55	70 59	68 48	73 51				69.: 54.6
FRISCO CITY	MAX MIN	80 62	80 61	81 45	58 43	65 43	71 45	77 50	81 60	75 62	76 58	64 53	74 55	79 63	78 55	69	56 33	58 30	61 33	70 38	65 34	66 31	71 49	68 33	58 33	70 44	77 49	66 35	69 37				70.: 45.4
GADSDEN	MAX	72 60	77 60	64 37	56 31	61 30	68 37	69 49	71 52	59 50	56	55 31	60 37	67 54	72 60	67 37	49	52 23	53 24	66 27	54 22	60 25	68 30	66 30	53 24	66 29	70 35	50 23	56 25				62.0
GENEVA	MAX	82 60	76 62	81 57	63 45	67 37	69 40	78 48	83 53	78 58	76 55	66 58	75 60	82 61	82 63	75 44	60 35	59 29	61 27	68 34	71 31	69 28	75 31	74 38	64 37	73 38	81 47	75 37	70 35				72.(44.t
GOODWATER	MAX MIN	77 62	78 62	74 39	58 36	64	66	73	69 54	61 52	58 54	62 48	68 48	57 56	73 59	68 36	53 30	52 28	55 26	67 27	55 32	61 31	67 39	69 32	53 28	66 30	74 38	54 28	63 33				64.1
GREENSBORO	MAX	82. 60	73 61	61 39	63 39	69 39	74 50	76 52	71 59	68 58	59 55	70 52		73 68	73 52	56 34	58 31	62 27	70 37	60 39	67 29	72 36	69 53	59 31	71 35	79 45	68 45	65 30	73 43				68.1
GREENVILLE	MAX MIN	81 62	80 60	77 46	62 48	65 42	74 44	77 55	78 57	74 61	64 56	73 54	78 60	77 62	74 59	60 38	55 33	57 33	67 32	64 44	63 33	72 31	67 55	64 36	67 35	75 41	69 55	64 34	77 40				69.1
HALEYVILLE	MAX MIN		58 45	48	52 28	65 34	69 50		69 53	63 52	57 41	65 42	72		67 48	48	48	54	67		60 25	65	60	55	63 35	72 38	57 29	59 26	58 41				61.1
HIGHLAND HOME	MAX	80 62	79 61	75 44	62 40	68 42			75 57	72 56	63 56	73 53	77 59	77 62	75 58	62 38	55 31	57 31	67 38		62 34	70 40	70 56	65 34	68 39	77 48	67 52	63 33	77 46				69.1
HUNTSVILLE	MAX	65 51	61 35	49 31	57 28	65 30		72	63 52	62 51	49 36	63	68	68 56	68 41	41 35	48 27	51 24	67 28	48	57	66 31	62 35	53 28	60 36	70 34	45 28	54 25	61 40				59.; 36.
LA PAYETTE	MAX	79 59	75 62	70 42	65 34	69 35	74	68	65 50	60 50	61 52	66 49	62 49	75 58	71 58	60 36	53 29	57 27	65 30	59 42	62 28	69 31	66 50	62 33	65 32	73 40	66 45	61 27	71 41				66.1 42.:
LINCOLN	MAX	80 61		61 39			74 40		65 53	60 52	59 53		71 51	76 59	73 54	55 36		55 23		56 32	61 23	68 27	69 54	58 32	65	74	56 36	60 25	68 30				65.4 40.
LIVINGSTON	MAX	82 65	77 65	61 39	60 40	70	77 53	78	75 57	72 59	61 52	69 49	73 61	73 65	68 53	54 33	56 30	60 28		64 41	64 29	70 31	71 52	56 31	70 32	74 41	72 46	62 32	74 41				68.4 44.
LOCKHART	MAX	79	77	79 52	58 45	65		76	80 58	75	73	66 55	74	82	82 60	71	57	56	59		66 33	64	71 52	71	57 38		77 58	69 36	65 46				69.' 47

Table 5-Continued	T	à	b	1	9		7	_	-		0	D	ti	I	2.3	1	2.7	1		
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DAILY TEMPERATURES

ALABAMA FEBRUARY 1950

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Station		Γ,	1	3	4			-				T			,		of m						,		,	,	,	,	,				rage
MADISON	VAX			1 50	61	5	67	7	8	9		1 00	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	A
MARION JUNCTION 2 N	MAX	50	46	30	29	31	50	, 56	54	53	45	70	39	59 76	. 56 74	34 55	27 55	26		32 69	26 65	28	39	27 56	28	36	28	27	28				60.7 37.4
MAXWELL PIELD	MIN	80	77	61	62	67	73	73	73	72	64	50 72	59 75	63 76	54 72	35 53	29	28	29	30	30 63	70	52	32	32	. 39	68 43	30	78 39				-
NOBILE MB 7135/84	MIN	79	80	64	66	42 70		56 78	59 76	57 77	56 67	54 73	61 73	64 75	50 73	40	35	33	34	43	36 67	35 70	46	56 37 60	67 36 72	75 42 75	60 40 71	60 33 68	77 42 75				67.3 46.0 70.3
MOBILE WB 117	MIN	76	79	67	66	70	73	59 78	60 73	58 77	57 66	58 74	65 75	66 76	45 67	36 58	34	32 60	35	42 67	36 67	39	45	36	39	49	45	39	47				47.6
MONTGOLDER #8 AF	MAX	82	79	63	64	69	53 75	63 74	63 74	62 75	57 63	58 72	65 76	68 77	47 [*]	39 53	38 56	35 59	40 67	47 59	40	38	50	38	41	52	53	42	57				69.3 50.7
MONTGOMERY WB CITY	MAX MIN	62 81 63	78	62 44	63 43	38 68 43	42 74 48	53 74 58	57 72 60	57 72 57	55 64 56	71	59 75	62 77	71	53	32 55	. 30 58	29 66	41 59	29 64	29 70	44 68	37 55	33 67	38 75	39 61	32 62	39 77				43.6
MUSCLE SHOALS CAA AP	MAX	58 45	57	46	55	65	68	70	68	67	52	54	59 71	64 71	49 55	39 43	35 48	35 56	37 69	43 50	37 56	40 65	43 60	37 53	38 62	71	42	35 54	45 62				46.6
ONEONT A	MAX	70 61	75	62 34	53	31 63 31	55 67 31	56 70 51	53 74 52	46 63 52	39 60 52	62	61	55 70 36	34 73 56	32 64	30 50	29 50	35 54	32 68	29 52	38 60	34 68	30 65	39 54	37 65	28 72	29 48	40 60				37.8 62.6
OZARK	MAX	76		77	64	69	77 45	79 55	73 55	77 56	73 55	35 75 55	36 76 58	79 60	77 61	35 69 42	31 55 33	25 58 32	24 67 34	27 65	23 65		28 69	29 64	27 69	28 78	74	24 64	26 77				35.7 71.4
PRAT.VILLE	MAX	83	78 63	69	64 42	68	75 42	71	73 57	69 57	63 57	71 53	75	77	74	57	55	57	66	58	33 64	70	68	37 63	38 67	41 76	56 64	34 64	41 78				47.0 68.5
PUSHEAT VEA	MAX	82	82 65	77 39	63	63 35	71	77 55	79 60	78 54	68	59 52	59 72 56	62 78 65	57	39	32 57 29	29 58 27	61	34 73	30 58	65	67	71	65	36 72	49 79	34 59	36 65				44.4 69.2
KOBER!SDALF 7 .	MAX	78 60	79 58	70	67	68 43	74	76 59	77 61	76 58	72 59	73 55	76 62	77	72 56	56 37	59 34	62 32	32 67 31	35 67 45	69	67	69	61	30 72 38	74	49 72 58	68	35 74				42.6 70,4
KOC 5 +1 S	MAX	77 59	74 62	62 40	65 32	67 30	73	70 45	67 50	57 50	61 53	68 45	64 48	73 57	73 51	55 38	54 29	57 23	65 23	64	64	68	65	64	66	45 72	70	38 64	43 73				47.4
BAIN' SERNARI	MAX	70 52	72 57	62	48	60 32	67 32	70 50	74 55	63 54	62 47	60	69 35			60	48 27	50 24	52 24	67 28	49	58	67	65	51		68	25 45	57				39.3 61.6
SANI VIN S.A FRY AP	MAX	72 59	69 57	58 34	60 32	62 35	64 48	69	62 47	55 44	58 47	63 36	64 52	60	65	54 33	47	50 27	63 29	56	56	68	63	49	28 63 33	29 68 35	30 63 27	25 54 24	27 57 37				35.3
3COT*SBORO	MAX	67 53	61 45	63	65 35	68	67	74			55	65	68	63	62	51 33	49 27	53 23	65 25	58	57	66	62	53		69	65 31		55 30				38.9
	MAX	84 62	81 64	74 43	68 41	71 39	75	77	78	74	66 58	72 53	80	78	75	60	59 34	62 30	70	69	66	72	71	68	70	78	64	66	78				37.0 71.6
	MAX MIN		80 64	81 47	65 45	68 45	74	76	80	77	77 57	67 58	58		76	67	58 34	60 33		70	68	70	72	65	61	75	50 78 58	72	71				46.1 71.1
		78 60	73 60	61 39	64	68 33	72	73	63	60	61 54	68	69		72	55	53	56 24	66 25	56	61	68	68	61	65	75	66	59	49 71 32				46.7 65.6
	MAX	83 63	77 58	58 40	62 40	71 42					61 53	74 52	79	75	73	55	56	59	70 38	58	65	71	69	55	70	78	64	66	76				40.5 68.8
TROT	MAX ,	80 62	78 63			61	69	76	76	73	74	62 55	73	74	77	71	53	53	55	65	59	62	70	68	55	67	75		45 63				46.4 67.5
CUSCALOOSA CAA APT	MAX	81	72 45	56	63	71 35 :	74	74	69	67	62 46	70	80	73	71	54	56	61	71	59	65	72	71	57	69	78	58	65	40 72				46.2 67.5
TUSKEGER	MAX	80	79	78	68		66	74	69	65	68	63	72	71	77	69	53	55	50	64	58	63 (69 (68	54	65	75		38 63			4	40.6 66.4
INION SPRINGS	MAX	82 62	78 63	1	38		**			1		30	30	30			55	58	66	61	64 (69 (67 (63	68	76	72	62	41 75			1	45.3
INIVERSITY	MAX :	78 62	71 44	54 35	61	68 38			68 57						71	53	54	59	68	57	65 1	70 (69 5	56	67	75	57	64	43 : 71 45				65.8
				57	60	60	59	69	59	58	62	64	57	57	62	51	50	50	62	56	53 6	64 (64 6	50 '	67	67	57	55	55				41.9
VE TUMPKA	MAX	80	78	65	64	67	74	69	69	67	62	71	73	76	71	60	56	59	65	60	65 6	68 6		57 (68	76	60	64	29 76 43			6	34.2 57.4 16.1
																												- 41				2	

Table 6

EVAPORATION AND WIND

Station]	Оау о	f mor	th														
		j	2	3	4	5	6	7	Ç,	9	ш	-	LZ.	=	,4	Tel	ŧ	η					~ .	5	14	. ~	×	=/	28	29	30	31 sto	10 8 V B
VEBURN	EVAP	.13	.15	.14	.06	.11	.18	.10	.02	.05	.07	.04	.09	.05	.27 181	.24	.12	.13	.13	.11	.16	.13	.18	.08	. 15	. 13	.14	. 25	. 13				3.54
FAIRHOPE	EVAP	.13	.12	.08	.07	.07	.08	.06	.06	.09	.04	.07	.05 46	.07 60	.18	.15	.05	.08	.09	30	14	.09	.04	.15	.09	.08	.16	. 15 16	. 10				2.65 695

STATION INDEX

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Station	Index No	County	Drainage:	Latitude	Longitude	g	ramon time diperid	Observer	Rete to table		Station	Index No	County	Drainage:	Latitude	Flevation	vatio	on	Re to tab
ADDISON ADDISON CENTRAL TOWER ALBERTA ALBERTA ALBERTVILLE 1 MI S ALEXANDER CITY 6 MI NE ALICAVILLE ANDALUSIA ANNISTON WE AIRPORT	0063 0071 0140 0148 0163 0178 0252 0272	BENRY WINSTON LAWRENCE WILCOX MARSHALL TALLAPOOSA PICKENS COVINGTON CALHOUN WINSTON	2 3 2 3 1 3 12 3 11 3 13 3 6 3 7 3	31 34 34 13 34 25 32 14 34 16 32 59 33 08 31 19 33 35 34 04	87 10 87 19 87 25 86 13 85 52	1500 1114 660 346	MID MID 7A 8A 8A 5P 7A 8A 8A MID MID	J. P. MITCHELL PALMER GODSEY U.S.P.S. SIDNEY J.BARDY, SR. SIDNEY J.BARDY, SR. HAT M. COURINGTON P. E. BLACEBURN HOSIE PHILLIPS WM. M. GARPETT CAA MESS, LESSIE HILLER	3 4 3 4 3 3 2 3 5 2 3 5 2 3 4 5		LOCK NO 17 MADISON MAGELLA MAGNOLIA MARION 1 MILE SSE MARION JUNCTION MARION JUNCTION MARION JUNCTION 2 NE MARIN DAM MAXWELL FIELD	4976 4996 5004 5108 5116 5121 5140 5202	TUSCALOOSA MADISON JEFFERSON MARENGO PERRY DALLAS DALLAS TALLAPOOSA MONTGOMERY CHOCTAW	12 3 3 3 3 3 3 3 3 3 11 3 1 3	3 29 87 3 4 42 86 4 3 30 86 5 2 08 87 3 2 37 87 3 2 26 87 3 2 28 87 3 2 40 85 5 2 25 86 2 1 56 88 2	15 573 51 65- 19 263 14 20- 13 345 25 163	7A 4 6P	TA U. S. ENGINEERS 7A ROBERT E. TRUE FA ALABAMA POWER CO. MID DR. T. H. GAILLARD BA D. MYRON HOLIFICAD GA MRS. MARCARET SMITE GA ALABAMA POWER CO. MID U.S., ARMY AR FORCE TA JOHN R. LAND	2 3 3
ASHYILLE ATTHEMS ATTHORE STATE FARM AUBURN AUBURN SCS 10 AUTAUGAYILLE SARTON ASH MINETTE	0377 0390 0402 0422 0427 0440 0546 0583	CLAY ST. CLAIR LIMESTONE ESCAMBIA LEE LEE AUTAUGA COLBERT BALDWIN MONROE	7 3 12 3 8 3 11 3 11 3 12 3 9 3	31 10 32 36 32 36 32 26 34 43 30 53	86 16 86 59 87 29 85 30 85 29 86 39 87 52	732 463 268	7A 7A 4P 4P 8A 8A MID 6A 7A 7P 7P	HENRY L. MC QUEEN NORMAN R. PRICKETT TYA-62 ATMORE STATE FARM MRS. MARTHA I. MOORE SCS J. B. WEIGEBORS TYA-462 GROVER W. WOODWARD W. P. DUNN	3 4 3 3 4 5 2 3 4 5 3 4 3 2 3 5 3	6	MERTZ 3 MILES E MIDMAY MILLERS FERRY MILLERS FERRY MILSTEAD MITCHELL DAM MOBILE WE AIRPORT MOBILE WE CITY MONTE SANO MONTEVALLO MONTGOMENY WE AIRPORT	5397 5417 5439 5465 5478 5493 5529 5537	BIBB BULLOCK WILCOX MACON CHILTON MOBILE MOBILE MADISON SEELBY MONTGOMERY	4 3 1 3 11 3 7 3 9 3 9 3 12 3 3 3 3	2 53 87 2 04 85 3 2 06 87 2 27 85 3 2 48 86 3 3 06 86 3 3 06 86 3 2 18 86 3	12 78 54 206 27 35 12 12 11 165 53 46	MID I	8A USFS MID MATHEW W. HALL 8A NORMAN D. WILLIAMS 8A T. C. CARR 6A ALABAMA POWER CO. MID U.S. WEATHER BUREA MID U.S. WEATHER BUREA 7A TVA-S30 8A M. P. JETER MID U.S. WEATHER BUREA	U 234 U 234
BELLE MINA 2 N BERRY BEXAR 2 MILES SE SILLINGSLEY BIRMINGHAM WB AIRPORT BIRMINGHAM WB CITY BISBOP JOACZ	0655 0748 0790 0823 0831 0836 0854	FRANKLIN LIMESTONE FAYETTE MARION AUTAUGA JEFFERSON JEFFERSON COLBERT MARSHALL CRENSHAW	12 3 2 3 13 3 1 3 2 3 2 3 12 3 2 3	34 42 33 40 34 12 32 40 33 34 33 32 34 39 34 13	86 43 86 45 86 50 88 05	610 694 470	9A 4P MID MID 7A MID MID 5P 5P 7A 7A	TVA-43 ALA, POLY. INST. MISS CLARA R, OLIVE WM. H. WHITEHFAD LEONARD C. WELDON U.S. WEATHER BURSAU WMS. CARRIE B, HORTON TYA-42 MILFORD H. DOOLEY R. E. HENDERSON	3 4 3 2 3 4 5		MONTGOMERY WE CITY MOULTON MUSCLE SHOALS CAA AP NEW BROCKTON NEW BROCKTON NEW MARKET NEWTON OHEONTA GREYILLE OZARK	5749 5842 5847 5862 5875 6121 6161	MONTGCMERY LAWRENCE COLDERT COFFEE FRANKLIN MADISON DALE BLOUNT DALLAS DALE	12 3 12 3 12 3 12 3 12 3 2 3 1 3	22 23 86 1 4 29 87 1 4 44 87 3 1 23 85 3 4 29 87 3 4 29 85 3 1 20 85 3 3 57 86 3 2 18 87 1 1 23 85 3	17 631 36 541 56 35 661 26 723 37 210 30 851 14 201	D MID I	MID U.S. WEATHER BUREA MID TVA-381 MID CAA MID S. EARL BOYETT 7A; TVA-644 7A TVA-624 11A FURN WYNN 7A L. E. SELLERS 8A EDWARD B. WARREN 7A MRS. MARY E. SCOTT	3 4 2 3 3 4 3 3 3 2 3
IRIDGEPORT 2 MILES W IRINDIDGE 'ALERA 'AMBEN 'AMBELL 'AMP HILL 2 N 'ARBON HILL	1099 1178 1288 1300 1315 1324 1377 1492	ESCAMBIA JACKSON PIKE SHELBY WILCOX CLARKE TALLAPOOSA WALKER WORGAN BIBB	12 3 5 3 7 3 1 3 13 3 11 3	33 06 32 00 31 55 32 50 33 54	85 44 85 49	500	5P 7A 8A 5P 5P MID 6P 6P 7A 7A	MRS. CLARA T. PEAVY MISS M.IOUISE JONES GEO, L. HICES ZEMMA P. HOLCOMBE ALIA. POLY, INST. WM. E. GRIFFIN, JR. ALIA. POLY, INST. WISS MARY C. RAY U.S. DEPT. INTERIOR W. D. BOLLIFIELD	3 3 3 2 3 5		PAINT ROCA PALMERDALE PENNINGTON LOCK 2 PERRYVILLE PETERMAN PICKENSVILLE PINE LEVEL PLANTERSVILLE PLANTERSVILLE PLANTERSVILLE PLANTERSVILLE PLEASANT GROVE SCHOOL	6246 6335 6362 6370 6414 6460 6468 6508	JACKSON JEPFERSON CHACTAW PERRY MONROE PICKENS WILCOX MONTGOMERY DALLAS JACKSON	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	4 40 86 2 3 44 86 3 2 06 88 6 2 37 87 0 1 35 87 3 3 13 88 3 2 04 86 3 2 39 86 3 4 57 85	19 12 20 18 16 16 16 16 16 16 11		MID TVA-69 8A BOBERT P. STORES 7A U. S. ENGINYERS 8A MRS. GERTRUDE GREE MID-MRS. MINTA EDDINS 7A MRS. DORA I. CLAY 7A MRS. DORA I. CLAY 7A C. W. ADAMS 7A O. H. BARNES 7A O. H. BARNES	3 4
CHILDERSBURG CITRONELLE CLANTON CLAYTON COFFEZ SPRINGS COLLINSVILLE COLUMBIA CORDOVA	1615 1685 1694 1725 1807 1849 1865 1940	WASHINGTON TALLADEGA MOBILE CHILTON BARBOUR GENEVA DE KALB HOUSTON WALKER SUMTER	13 3 7 3 9 3 7 3 5 3 5 3 5 3 5 3 5 3	31 28 33 17 31 05 32 51 31 53 31 10 34 15 31 18	88 15 86 21 88 14 86 38 85 27 85 55	540 331 590 590 255 734	6A 6P 6P 7A 7A 6A 6P 7A	CHAS. C. SMITH ALABAMA POWER CO. 9. O. JONES HUGH M. SIMPSON EDWARD E. POPE MRS. J. WIRGIL BYNUM MRS. S. CUNNINGRAM CDY THOMPSON MRS. C. GRESHAM REUBEN P. HARRIS	2 3 5 2 3 5 2 3 5 3 3 2 3 5 3		PLEASANT HILL PRATTVILLE PRATTVILLE PRIMAGES PARM PUSHMATAHA RRD BAY REFORM RIYER PALLS RIYER PALLS RIYER PALLS ROBERTSDALE 7 MILES E ROCK MILES	6640 6684 6719 6805 6847 6937 6942 6988	DALLAS AUTAUGA MONTGOMERY CHOCTAW PRANELIN PICKENS COVINGTON COVINGTON BALDWIN RANDOLPE	1 3 13 3 12 3 13 3 6 3 6 3 9 3	2 10 86 3 2 28 86 3 2 20 36 1 2 12 88 3 4 27 88 6 3 23 88 6 1 23 86 3 1 23 86 3 3 09 85	28 28: 15 18: 21 29 62' 21 32 36 15:	SA SA	MID MRS, EVELYN NORRIS 6P. CONTINENTAL GIN CO 000 W. E. ELSBERRY 8A MRS. JANIE C. BROW 7A TVA-493 7A TVA-493 7A JURIA BROSE 7A JURIA BROSE 7A JURIA BROSE 6F CARL BOOSE 6 JAMES B. BAILEY), 23 IN 23
DANCY DANVILLE DAYTON DECATUR DECATUR NO 4 DECATUR SUBSTATION DEMOPOLIS LOCK 4	2141 2149 2188 2207 2216 2221 2240	TALLAPOOSA TALLAPOOSA PICEENS MORGAN MARENGO MORGAN MORGAN MORGAN MORGAN MORGAN MORGAN	13 3 12 3 13 3 12 3 12 3	33 01 34 25 32 21 34 37 34 37 34 36 3	85 45 85 46 88 17 87 04 87 39 86 58 86 59 86 58 87 51 85 27	595 595 573 600 588	7P 7A 5P 5P 5P 8A 6A 8A	DR. W. B. FULTON JAY D. LAME F. F. SMITH TYA-503 JAMES M. CREWS MRS. FREDA TRIMBLE TYA-63B TYA-411 J. A. ROBERTSON CAA	3 4 3 4 3 3 2 3 5 2 3 5 3 3 2 3 4 5		SAINT BERNARD SAND MTN.STATE FARM AP SAYRE SCOTTSBORO SCOTTSBORO SUBSTATION SRALE 7 MILES WWW SKLMA SKEPIELD TVA WRSY SHOEMAKER SPRINGS SLOCOME	7207 7282 7304 7310 7328 7366 7415 7460	CULLMAN DE KALB JEFFERSON JACKSON JACKSON RUSSELL DALLAS COLBERT LIMESTONE GENEVA	12 3 12 3 12 3 13 12 3 12 3 12 3	4 12 86 4 4 17 85 3 3 43 86 5 4 41 86 6 4 41 86 6 2 18 87 6 4 46 87 6 4 51 87 3 1 06 85 3	58 119: 58 30- 52 66: 51	5 5P 6P 6P 6P 6P 6P 6P 6P 6P 6P 6P 6P 6P 6P	7A FR. FREDERICK SMIT SP ALA. POLY.INSTITUT 7A DORA R. WESSTER 6P MRS. KINZIE BOBO 7A TVA-76A 8A B. G. BUSH 7A JOHN O. RHODES 7A TVA-49 7A ITVA-682 6A PATRICK H. SMITH	E 2 3 2 3 2 3 2 3 2 3 3 3 3 3 3
ELROD BUFAULA BUFAULA BUFAUF EVENOREEN EVERGREEN FAIRHOPE FALCO 5 NE FALCULLE	2632 2727 2742 2758 2763 2813 2832 2840	COFFEE TUSCALOOSA BARBOUR GREENE CONECUH COMECUH BALDWIN COVINGTON WORGAN WINSTON	6 3 6 3 9 3	31 26 31 25 30 32 31 06	86 58 87 02 87 55	340 257 23	5P 8A 7A 8A 8A MID MID	DOZIER B. ROBERTS K. V. BERRY HARRY E. MAUGANS E. B. HOLBROOK LRS. JESSIE D.GOLSON CAA HAROLD F. YATES U.S. FOREST SERVICE TVA-384 USFS	2345		SNOW HILL SOUTH HILL SPRING HILL SUTTLE SWAIM SYLACAUGA SYLVANIA TALLADEGA HORN WIN. TWR THOWAS YILLE	7671 7733 7963 7968 7994 8012 8024 8032	WILCOX DE KALB MOBILE PERRY JACESON TALLADEGA DE KALB TALLADEGA CLARKE	12 3 9 3 3 3 12 3 7 3 12 3 7 3	2 00 87 (4 24 86 (6 42 88 12 32 87 13 86 13 10 86 13 18 86 (6 13 18 86 (6 15 5 87 4	02 996 10 175 13 665 13 546 19 1406 16 556	5 9A 5 9A 6 6P	7A MRS. EVA R. RAT 7A TVA-75 9A BAMLIN H. TIPPINS 7A J. F. SUTTLE, JR. 7A TVA-385 8A ALABAMA POWER CO. 7A TVA-386 PC. D. WEAVER 6P USPS 8A MRS. MINNIE DEATON	3 2 3 3 3 3 3 2 3 3 2 3 3 2 3 3 2 3 3 2 3
FAYETTE FLORENCE AT LOCK FORT DEPOSIT FORT MORGAN FORT PAYNE FRISCO CITY CADSDEN	2883 2945 2976 3024 3035 3043 3105 3151	MADISON FAYETTE JACKSON LAUDENDALE LOWNDES BALDWIN DE KALB MONROE ETOWAH SUNTER	12 3 13 3 12 3 12 3 6 3 9 3 7 3 8 3	34 36 33 41 34 46 34 47 31 59 30 14 34 26 31 26 31 26	86 34 87 50 85 41 87 40 86 35 88 01 85 43 87 24	670 359 1380 450 520 879	8A 8A 7A 7A 7A 9P 9P 8A 8A 8A 8A 8A	TVA-57 LOIS V.KILLINGSWORTE TVA-387 U. S. ENGINEERS MRS.ISABEL C.HUGHES	3 2 3 5 3 4 5 3 4 5 3 4 5		THORSBY 1 MILE SW THURLOW DAM TIBBIE 2 MILES 5 TONEY TRAPFORD TROY TUSCALOOSA CAA AP TUSCALOOSA LOCK & DAM TUSCAEGE	8215 8223 8259 8285 8323 8380 8385 8398	CHILTON ELMORE WASHINGTON MADISON JEFFERSON PREE TUSCALOOSA TUSCALOOSA MACON BULLOCK	1 3 11 3 12 3 12 3 10 3 2 3 11 3	2 54 86 4 2 32 88 3 4 54 86 4 3 49 86 4 1 49 85 3 3 14 87 3 2 24 85 4	14 284 25 226 45 756 157 176 155 152 456 176	BA O MID b	MID SCS 5A ALABAMA POWER CO. 8A HATTIE T. GIVENS MID TVA-506 7A MES. M. JOHNSON 8A THOMAS J. DILLARD MID CAA 7A U. S. ENGINEERS 8A PROF. M. L. LANIER 7A MYS. BOBBIE GUTHEI	3 4 3 4 3 4 2 3 4 2 3 4 2 3 3 8 2 3
JENEVA JOODWATER JORGAS JORGAS REENSBORO REENVILLE JREENVILLE NO 2 JULF SHORES 2 MI SSE JUNTERSVILLE CITY WTR	3255 3399 3430 3511 3519 3524 3559 3578	CULLMAN GENEVA COOSA WALMER HALE BUTLER BUTLER BUTLER BALDWIN MARSHALL MARSHALL	5 3 7 3 2 2 3 6 3 6 3 9 3 12 3	31 02 33 04 33 39 32 42 31 50 31 50 30 16 34 22	85 52 86 03 87 13 87 36 86 38	300 220 444 10 610	7A 7A 7A 7A 6A 6P 8A 5P 8A MID NOON MID	MRS. G. MC KENZIE REBECCA CAMPBELL C. PURVIS CONAWAY ALABAMA POWER CO. N. HAMONER COBS [CECILE T. LEWIS CLAUDE CONN, JR. B GULF STATE PARK TYA-403 [TYA-70	3 4 2 3 5 2 3 5 2 3 5 2 3 5 3 4 3 4 3 4		UNIONTOWN UNIVERSITY VALLEY HEAD VANCE VERNON WADLEY WALLACE WALLEY WALLY GROVE	8454 8469 8477 8517 8605 8637 8648 8686	PERRY TUSCALOOSA DE KALB TUSCALOOSA LAMAR RANDOLIPH ESCAMBIA ETOWAH LAUDERDALE BIBB	2 3 7 3 3 3 13 3 11 3 6 3 2 3	2 27 87 3 3 12 87 3 4 34 85 3 3 10 87 1 3 45 88 0 3 08 85 3 1 13 87 1 4 55 88 0 3 07 87 0	3 225 6 1031 3 7 180 4 640 3 850 4 445	MID N	7A MBS, FRANCES MARTIN MID DR. P. H. MITCHELL 8A MBS, CARRIE DXLBY 7A WM. P. VANCE MID G. C. MOORR, JR. 6A ALLBAMA POWER CO. 7A HOWARD PETTIS 7A MBS, FLORENCE PARKE! 6P J. ELLIE THREET 7A RUPERT M. BEARDEN	3 2 3 4 2 3 3 3 4 3
HALEYVILLE HAMILTON HARRISBURG 6 MI SE HAYMEVILLE HELENA HIGHLAND HOME HIGHTOWER HODDES HUNTSVILLE SUBSTATION	3644 3697 3748 3783 3816 3842 3899 4060	WINSTON HARION PERRY LOWNDES SHELBY CRENSHAW CLEBURNE FRANKLIN HADISON MADISON	2 3 13 3 3 3 1 3 6 3 11 3 13 3	34 14 34 08 32 48 32 11 33 18 31 57 33 32 34 20 34 43	87 38 87 59 87 11 86 35	947 498 600 416 594	7A 8A 8A 7A 5P 5P 8A 6A	ELMER L. SHIPMAN REX COOPER USFS MAXINE E. WATSON ROLPE E. HARRISON LUKE JORDAN THOMAS J. HART FRANK L. HAYNES TVA65 U.S. WEATHER BUREAU	2 3 4 5 3 3 3 2 3 5 3 3 2 3 4 5		WHITFIELD LOCK 3 WILSON DAM WINFIELD 2 WILES SW VATES HYDRO PLANT	8867 8875 8925 8980 8996 9103	BIMORE CLARKE LAWRENCE CBOCTAW COLDERT PAYETTE ELMORE LAUDERDALE	7 3 13 3 12 3 13 3 12 3 13 3	2 32 86 1 1 39 87 4 4 47 87 2 2 17 88 0 4 48 87 3 3 56 87 4 2 34 85 5 4 57 87 5	2 205 3 580 1 30 7 530 9 468 4 335	6P	6A MRS, D, R, WHITAKES 7A LEONARD L. COLEMAN 7A TVA-52 7A U. S. ENGENEERS 6A TVA-471 7A W. W. COTNEY 6A ALABAMA POWER CO. 7A TVA-621	
TYTOP JACKSON LOCK 1 JACKSON SBOALS JACKSONVILLE JORDAN DAM LA FAYETTE LALAY DAM LEEDS LEEDS URG	4099 4192 4198 4209 4306 4502 4603 4619 4627	JACKSON CLARKE TALLADEGA CALHOUN ELMORE CHAMBERS COOSA JEFFERSON CHEROKEE TALLADEGA	12 3 13 3 7 3 7 3 11 3 7 3 3 3 7 3	34 54 31 33 33 32 33 49 32 37 32 54 32 58	86 05 88 01 86 12 85 45 86 15 85 24 86 31 86 33 85 46	1500 10 475 290 830 420 636 589	7A 7A 8A MID 6A 6P 6P 6A 3A 7A	TVA-78 U. S. ENGINEERS ALABAMA POWER CO. PLOY E. OWEN AJABAMA POWER CO. CLARENCE H. PINCEER ALABAMA POWER CO. MES. MARY K. LEE KUPUS M. SEWELL CITY OF LINCOLN	3 3 4 3 3 4										
LIVINGSTON LOCKHART	4798 4822	SUMTER COVINGTON	13 3	32 35 31 01	88 11 86 22	160 290	5P 5P 8A 8A	PROF.E.J. MURPHEY	2 3 5 2 3 5										

REFERENCE NOTES The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue

Unless otherwise indicated, dimensional units used in this bulletin are: Temperatures in 'P, precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Dureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 4 are from recording gages. Traces are not shown

Amounts in Table 3 are from non-recording gages, unless otherwise indicated,

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

- No record in Tables 3, 4, 6, and the Station Index, No record in Tables 2 and 5 is indicated by so entry. When hourly precipitation is missing or accumulated for several days, only the first and lant days are shown in Table 4.

 And also on a later date or dates.

 And also on a later date or dates.

 Gage in equipped with a windshield.

 Frecipitation measured at 6-hourly intervals, no recording gage.

 Adjusted to a full month.

 Adjusted to a full month.

 Adjusted to a full month.

 Come or more days of record missing; see Table 5 for detailed daily record.

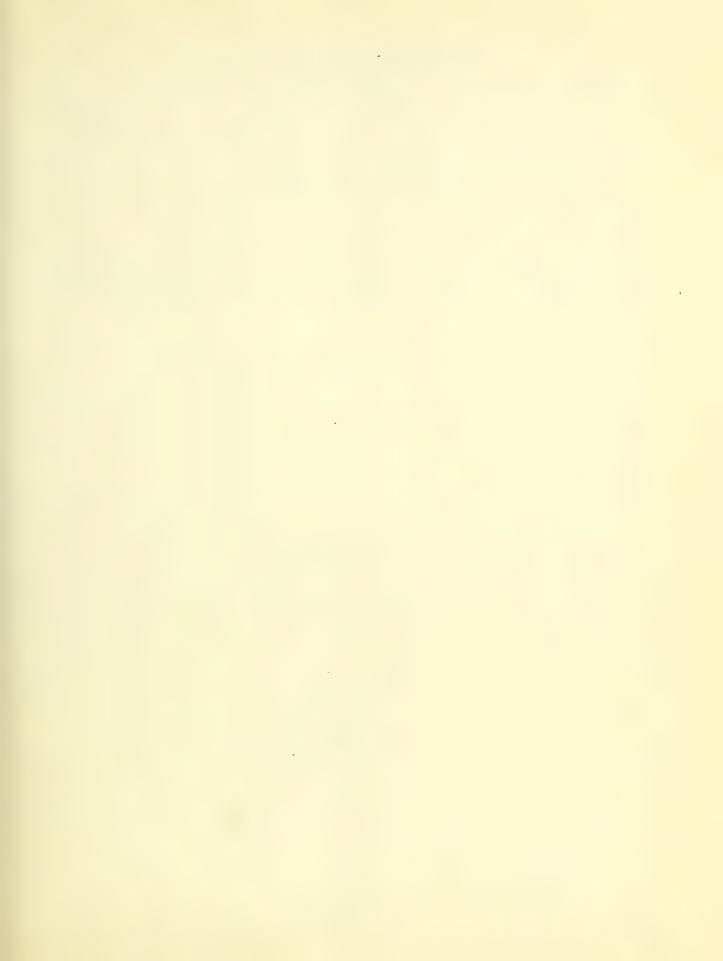
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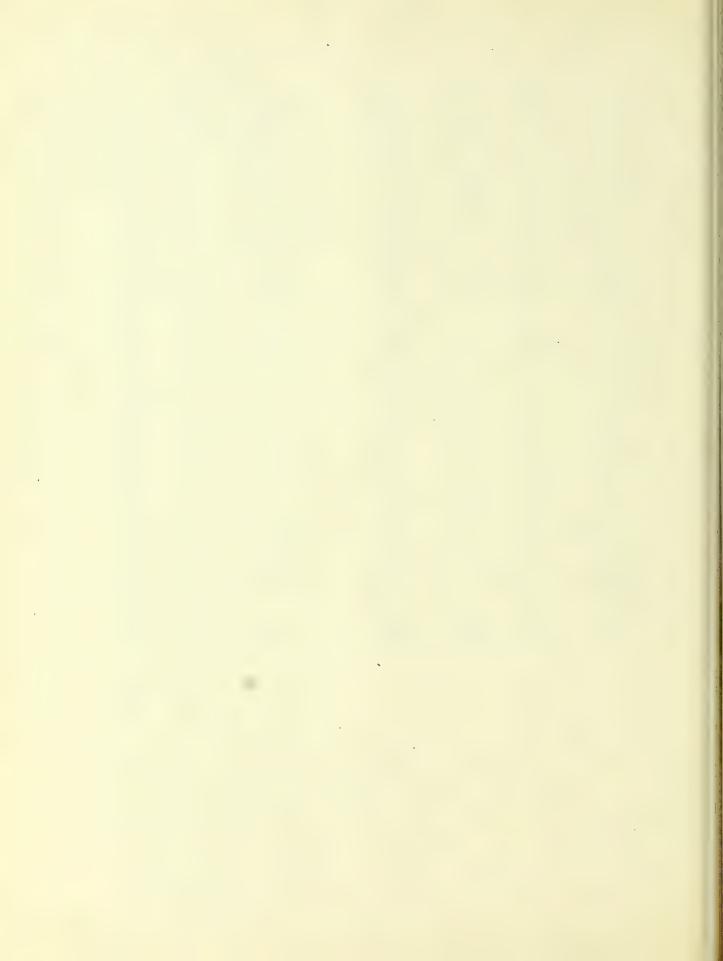
 Hourly amounts from recording gage only.

 Free, an assount too manil to measure.

 Hourly amounts from recording gage at the same site may be found in Table 4.

Subscription Price: 15 cents per copy, monthly and annual; \$1.50 per year. (Yearly subscription includes the Annual Summary.) Checks, postal notes and money orders should be made payable to the Treasurer of the United States. Remittances and correspondence regarding subscriptions should be sent to the Teather Records Processing Center, 430 Post Office Building, Chattanoogs 2, Teanessee.





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CLIMATOLOGICAL DATA

ALABAMA

MARCH 1950 Volume LVI No. 3



ALABAMA - MARCH 1950

A. R. Long, Section Director - Montgomery

Weather Summary

The State mean temperature this month was more than a degree lower than for February this year, so that an exceptionally mild winter gave way to the beginning of a rather cool spring. Day to day changes were typical of the time of year, and the seasonal normal upward trend was followed, but there were no unusual extremes of temperature.

Rainfall for the State as a whole averaged nearly an inch more than normal and it was a little more frequent than usual, but over much of the south central portion it was lighter than normal. Precipitation in the north would have been considerably below normal for the month if it had not been for a storm on the 12th which produced from 4 to 5 or more inches of rain north of a line running from Pickens County in the west to southern DeKalb County in the northeast. The southern boundary of this storm was abruptly defined, so that no unusual rain occurred south of it on that date.

On account of wet soil over much of the north throughout the past 3 months, little had been accomplished in field work up to the end of March, but good progress was made in the south and central portions.

In the Gulf Coast area, sweet corn, watermelons, and cucumbers were planted during the first week, and potatoes and cabbage were making good growth. Cabbage were being marketed by the middle of the month. Picking of an early crop of strawberries was nearly completed during the first 3 weeks, with the outlook for a regular season crop to come in about the middle of April. Considerable corn was planted in the south during March, and a few fields of cotton were planted during the last week of the month.

Pasturage was better than normal due to an early start to grow during the winter, but frosts were more frequent than during mid winter, and cattle had to be fed more than during the first half of February.

At the end of March it was still too early to determine the extent of damage to peach and other fruit trees by the mild winter and subsequent frosts.

WINDSTORMS

On the 8th, in the early morning, rather strong thundersquall winds occurred in scattered localities over southeast Alabama. At Montgomery, around 2:15 to 2:30 a.m., \$500,000 damage was done, mostly to aircraft at Maxwell Field. Other damage was done to scattered buildings in north Montgomery and to a high voltage line near Kilby Prison nearby. Reports of building and other damage were from Mobile, Ramer (Montgomery County), Dothan, Opelika (Lee County), and Newton, and in Barbour and Macon Counties. An 11 year old boy at Opelika was hospitalized for injuries. Damage in addition to that in the Montgomery area was about \$50,000.

At Jasper, in Walker County, on the 12th, 200 houses were damaged by the combined action of wind and hail, with losses totalling about \$20,000.

At 9:20 a.m. to 9:25 a.m. on the 13th, many trees were uprooted, and some other damage done, in the suburban area of east Montgomery. Total damage was about \$3,000.

A general high wind prevailed over the State from mid morning until late in the afternoon on the 27th. Considering the large area, it is likely that damage to roofs and trees was about \$1,000,000. The persistence of the wind loosened roofing materials and tree roots which otherwise would not have yielded to short duration winds of equal force.

FLOODS

As a result of heavy rain in northeast Alabama and northwest Georgia on the 12th and 13th, there was flooding in the upper Coosa, so that a crest of 5.5 feet above flood stage was recorded at Gadsden on the 15th.

The lower Tombigbee remained flooded during most of the month. Damage in this area was mostly of an intangible nature consisting of loss of time and expense of evacuating cattle from the lowlands. The Warrior rose sharply as a result of the rain on the 12th, and reached a crest of 62.4 feet at Tuscaloosa on the 15th. Flood stage at that station is 47 feet.---F.C.P.

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages—mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

SUPPLEMENTAL DATA

ALABAMA

	Wind	direction		W 5, 1	speed		Relat	ve humi		rages -	1	Numb	er of da	iya with	precip	itation			sunset	
Station	Prevacen	Percent of time from prevailing	Average	n asset	Dreed n d filtes and	Date of fastest mile	12:30 CST	6:30 p	12:30 P	6:30 F	Trace	0109	10-49	80-99	1.00-1.99	2 00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to su	Degree days
NNISTON WE AP																				
IRMINGHAM WB AP	8	12	9.5	36	S	27	. 75	77	47	52	4 .	7	1	2	2	0	19	57	5.8	414
ODILE WBO	31	15	12.9	50	NW	8	821	841	56†	691	1	0	,	15	()	1	13	56	5.0	255
ONTGOMERY WBO	NW I	11	8.7	40	SW	27	78†	851	481	58†	4	5	5	2	1	0	17	59	5.2	323
† AIRPORT DATA																				

COMPARATIVE DATA

	1	l'emperatu:	e e	Precip	itation			emre a'.:	6y	Precipi	itation.			Temperatur	0	Precip	itation
Year	Average	High	Lisso	Average	No. of days .01 or more	Year	Average	10 mm	**	Average	No. of days	Year	Average	is although	, ve 19. v.	Average	No. of days
1301 1850 1887 1887	. 5 5 50 33 - 3	54 82 20 80 83	2t 14 15 .9	8 45 3.37 4.59 1 30 4.63	11 9 10 4 9	1909 1910 1911 1912 1913	56.6 61.5 58.4 53.2 56.0	50 9 1 4. 50 56	25 19 20 18 19	5 5 5 1 21 2 41 9 71 9 74	11 3 5 11 10	1934 1335 1956 19,7 1933	54.9 1 59.9 	5 1 2 2 7 8 2 8 2	1.4 1.9 7 20	6.12 7.27 3.63 4.54 6.35	7 9 7 8 8
20 · 1 × 20	54.1 53.7 3.1 54.2	***	9 c 1 c 1 c 1 c 2 c	3 31 5 03 8 42 6 11 5 50	5 9 10 8 7	1914 1915 1916 1917 1918	51.0 47.3 54.8 57.4 62.4	37 30 91 89 89	11 26 18 14 26	3.01 3.21 2.99 9.35 0.81	8 7 3 12 3	1919 1940 1941 1942 1943	59 4 58 4 50 7 50 5 54 6	59 86 47 42 80	16 21 15 32 7	5.15 5.25 4.60 7.28 9.87	8 1 10 9 1 12 1 12
1894 .855 1897 1898	3.0 3.0 3.0 7.7	99 92 89 89	1 - 20 2 - 25	7.78 7.55 7.16 9.53 3.23	8 10 8 12 7	1919 1920 1921 1922 1923	56.7 52.6 64.0 56.2 55.0	88 86 89 85	21 10 27 21 16	7.23 7.27 4.90 10.12 6.36	10 q 11 11	1944 1945 1946 1947 1948	57.7 65.0 91.4 50.3 59.8	86 89 92 87 89	22 87 88 14 19	10.77 4.89 7.98 7.13 9.58	11 8 8 1 8 1 10 1 12
1899 1 000 190 . 1900 1903	55.7 , 1 33 3 55 3 59.7	91 87 84 82 50	1 · · · · · · · · · · · · · · · · · · ·	. 57 5 75 5 .0 8.75 5 77	10 8 7 12 13	1924 1925 1926 1927 1928	51.4 58.4 50.0 57.0 56.2	47 40 40 49	19 13 13 19 22	3,32 2,97 1,52 4,86 6,24	8 5 9	1949 1950 PERIOD	54 s	90 54	17	6.16 6.77 5 74	
1904 1905 1906 1907	55.7 10.0 73.0 33. 2.7	50 91 50 90 92	25 26 29 20	3 51 7 3.59 9 77 4 77	8 7 10 4 7	1929 1930 1931 1932 1933	59.6 52.4 50.0 51.9 55.9	93 31 78 49	20 19 22 12 24	15,35 5,61 3,86 4,27 6,87	10 10 9 7						

Table 2	1																MARCE	Н 1950
		_		Tempera	ature	_							Precipitati	on				
		78					No. c	of Days		Te Te			Snov	v, Sleet, H	ail	N	o. of Day	ув
Station	Average	Departure from Normal	Highest	Date	Lowest	Date	Max. 90° or above	Min. 32° or below	Total	Departure from Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.01 or more	.25 or more	1.00 or more
NORTHERN DIVISION	+			-		-1		+		-								
ALBERTVILLE 1 S ANNISTON CAA AIRPORT BELLE MIMA 2 N BIRMINGHAM WE AIRPORT BIRMINGHAM WE CITY	48.6 50.9 50.4 51.9 55.3M	- 3.4	78 79 82 82 82	25+ 26 26+ 26 25	24 26 25 29 29	10 31 2 2+ 2+ 2+	0 0 0	9 10 9 8 6	9.13 9.16 5.47 5.67	2.84	4.23 2.72 1.63 2.33	13 13 13 13	T T O O			10 10 15 15	5 7 6 4	3 4 2 2 2
CORDOVA DECATUR FAYETTE GADSDEN GOODWATER	53.7 51.1 51.1 49.7 51.7	- 2.1 - 2.0 - 3.9 - 3.7	81 83 80 80	26+ 26 27 27 27	24 22 26 22 26	10 2 9+ 10 31	0 0 0 0	10 8 10 12 10	9.24 9.24 9.46 9.47 6.23	3.54 3.62 3.28 3.20 .58	5.90 3.21 3.72 5.61 1.08	13 13 13 13	0 T 0 0	т	30	8 15 11 14 12	5 7 6 6 10	2 4 3 1 1
HALEYVILLE HUNTSVILLE LINCOLN MADISON MUSCLE SHOALS CAA APT	50.7 49.1 51.0 48.8 50.4	- 4.1 - 1.9	79 79 80 81 79	26 26 26 27 26	24 25 23 25 26	2 2 14 2 2	0 0 0 0	11 12 9 10	9.19 7.28 7.82 6.99	1.52 2.09 1.28	2.90 2.66 1.49 2.62 2.60	13 12 13 13 12	0 0 0 0 T			11 11 12 12	7 8 6 7	3 2
ONFONTA ROCK MILLS SAINT GERNARD SAND MIN STA FARM AP SCOTTSBORO	49.3 53.7M 48.4 48.3 49.2	- 3.9 - 3.9 - 3.4	80 82 80 76 79	25+ 26 27 27 27	25 25 26 24 25	10+ 9+ 2+ 2 2+	0 0 0 0	12 10 13 8 10	10.30 6.49 9.59 8.52	4.29 .78	6.00 1.29 3.85 3.64 2.80	13 14 13 13 13	0 T T 0	Т	29	11 12 12 11	6 8	2 1 4 3
TALLADEGA TUSCALOOSA CAA APT UNIVERSITY VALLEY HEAD	52.4 53.6 53.4 46.4M	- 3.3 - 2.0 - 2.2 - 4.3	80 84 82 81	26 26 26 27	24 27 29 19	31 9 9 2+	0 0 0	10 8 6	6.30 6.11 5.39	.21 .21 51	1.58 2.65 2.65 4.14	13 13 13 13	0 T 0			14 14 10	6 4 4	2 2 2
DIVISION	50.8	1 1		1	1	1		1	7.85				T					
MIDDLE DIVISION ALEXANDER CITY 6 NE AUBURN CAMDEN CAMDE HILL 2 NW CENTREVILLE	53.2 51.5 55.4 52.5 55.5M	- 4.9	80 80 83 80 82	25+ 27+ 26 26 24+	24 26 30 25 28	10 31 9 31	0 0 0	8 9 4 7	6.02 6.51 4.91 5.45 6.14	.66	1.23 1.92 .98 1.31 2.15	13 5 4 13	T 0 T 0			15 11 15 10	10 7 8 6 9	1 2 0 3 1
CLANTON DAYTON EUFAULA GREENSBORO GREENVILLE	52.1 57.0 56.1 54.9 56.0	- 3.6 - 1.3 - 1.7 - 2.5	82 85 83 83 84	26+ 26 27 26 26	27 29 28 29 31	9 14 10 9+ 9	0 0 0 0	8 3 4 5 3	5.76 4.22 5.21 5.35 5.40	08 32 31	.98 .87 1.47 1.78 1.06	28 13 28 13 5+	0 0 0 0			14 13 9 13	9 6 7 8	0 2 1 2
HIGHLAND HOME LA FAYETTE LIVINGSTON MARION JUNCTION 2 N MAXWELL FIELD,	55.9 53.0 55.1 54.0M 55.6	- 3.3	80 82 83 84 85	26 26+ 26 25+ 26	29 27 29 27 32	9 9 9 9	0 0 0 0	1 8 5	5.94 5.59 6.81 4.80 3.97	.02 1.57	1.70 1.25 2.05 .82 .91	27 4 13 13 27	0 0 0 0			11 13 14 12 9	8 8 7	1 2 2 0 0
MONTGOMERY WB APT MONTGOMERY WB CITY PRATTVILLE PUSHMATAHA SELMA	53.7 55.2 54.5 53.8 56.8	- 2.6 - 3.1 - 4.2 - 1.8	83 83 83 83 84	26+ 26 26 27 26	30 33 28 28 28 31	10+ 9+ 9 9+ 9	0 0 0 0	4 0 5 6 4	5.04 4.15 4.62 4.40 4.85	- 1.84 - 1.08 - 1.10 57	1.05 1.00 .88 .95 1.31	27 4 27 14 14	T O O T			13 13 13 11 11	8 6 7 7	2 1 0 0
THOMASVILLE TROY TUSKEGEE UNION SPRINGS WETUMPKA	55.4 55.1 54.5 56.0 55.8	- 2.7 - 3.7 - 3.3 - 1.7 - 2.1	84 82 83 83 82	26 26+ 27 26 25	32 30 29 29 31	14+ 14 31 9 9+	0 0 0 0	2 2 5 3 3	5.81 5.85 6.06 5.50 5.39	24 13 .65 54 47	1.06 1.39 1.91 1.30 1.18	5 5 28 5 28	0 0 T			10 11 12 9 11	7 8 8 7	1 3 3 2 2
DIVISION	1 54.7	1			I				5.35		1	1	Т					
SOUTHERN DIVISION ANDALUSIA ATMORE STATE FARM BAY MINETTE BREWTON 3 SSE CHATOM	56.8 57.7 56.6 56.4 55.5	- 3.5 - 1.8	84 83 82 84 88	26 25+ 25 25 27	31 32 32 26 26	9 14 14 10 9	0 0 0 0	3 1 1 5 9	7.21 7.80 8.59 6.59 5.53	2.97	2.25 1.96 1.37	16 16 4	0 0 T 0			11 11 13 11 14	9	2 2 1
CITRONELLE DOTHAN CAA AIRPORT EVERGREEN CAA AIRPORT FAIRHOPE FORT MORGAN	57.1 55.8 54.5 54.4 58.5	- 3.8 - 3.6 - 5.7	83 83 82 80 77	25 12 25 25 25 25+	33 32 28 26 38	14 14 31 14 14	0 0 0 0	0 1 5 6	7.39 6.60 7.31 6.35 6.40	1.15 1.45 1.62 1.58	1.63 2.34 1.55 1.10	16 15 15 4	0 T 0 0			12 14 11 13 12	10 9 10 9	1 1 3 2
FRISCO CITY CENEVA LOCKHART MOSILE WB AIRPORT MOSILE WB CITY	55.5 57.1 56.9 56.1 57.2	- 2,5	82 88 83 79 79	27 26 26 25 25	31 30 30 33 33	9+ 10+ 9 14 14	0 0 0 0	3 5 3 0	7.07 7.47 6.80 9.43 9.14	1.93 1.76	1.88 2.89 2.34 4.07 3.74	16 16 16 15 15	0 0 0 T			12 13 13 12 12	9 8 10 9 10	1 2 1 2
OZARK ROLERTSDALE 7 E SPRING HILL	57.3 57.5 56.7M	- 2.7	83 80	25 25	31 31 32	14 31 14	0 0 0	2 2 1	5.95 6.12 7.93	1.00 2.07	1.83 .93 3.89	16 4 16	0 0			12 14 12	7 10 7	1 0 1
DIVISION	56.5	1		I	1	1 1		1	7.20	1	- 1	1	T					
STATE	53.3	- 2.6			1	1 1			6.77	1.03	1	1	Т					

Table 3										-	711			. 111		LII	177	11	OI.	'											ALABANA MARCH 1950
Station	-		-														of m								1	-					31 1
_		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22 2	3 2	24	25 2	6 2	27 28	29	30	31 ⊨
	R	.23 .19 1.09 .43 1.92		, 05	1.01 .02 .23	.52	.90	.94 .17 .08	.61 .20 .56 .61			. 14		.26 1.56 2.41 4.23	.91	.98	.37				.22 .45 .69	.03	.38		.41	.16	21	,1,	3		.01 8,21 7,88 5,02 9,13
ALEXANDER CTY 6 NE ALICEVILLE ANDALUSIA ANNISTON CAA AIRPORT ARLEY		.88 .95 .28		.03	.65	.33	. 22	.13	.50 .35 .65					1.23 1.69 T	.80	.03	.23 2.25				.65 .98		.08		.05	.31		1.5	3 .0	16 T	6.02 4.87 7.21 T
ASBLAND ASBVILLE ATHENS ATMORE STATE FARM AUBURN	R Z	1.00 .77 1.37 .60			.38 1.50 .02	.02 .19	.56 T	.04 .14 .03 1.65	.52 .65 .79 .45				.02	1.99 5.30 2.95	.40	.16	.05 .09 .33 2.35	.01			.90 .94 .35 .05	.04	.06 .05 .15			1.56		1.	0		8.55 9.57 8.61 7.80 6.51
AUBURN SCS 10 AUTAUGAVIELE BARTON BAY MINETTE BEATRICE		.63 .77 1.63		٠	1,10	.81 .84	.56	.16	.49 .63 .83 .42					.59 .13 2.15 .82	.94	.27	.06 .26 .42 2.70			. 18	.38	.04	.26 .10 .80		.05	.10	1.	1	15		6.25 4.95 8.26 8.59 5.68
BELGREEN BELLE MINA 2 N BERRY BEXAR 2 Sr	RRRR	1.20			. 19	77	.07	.46	.01			.19	2.26 3.60 3.20	1.17 2.72 2.06 1.25 1.63		.07 T .07 .04	.24 .02			.19 .15 .33	.36 .35 .23 .20	.04	.08		.65	.26 .10			3		.02 7.33 9.16 9.44 .04 7.10
BIRMINGHAM WE CITY BISHOP BOAZ BRANTLY		.84 1.10 1.95			.16	.08	.12	.02	.56 .30 .37					2,33 2,25 4.86	.01	.06	.10 .15 .07			.01	.21 .65 .43	.09	.05		.10	.02		1.5	15)2	5.67 8.16 9.82 4.82
BRIDGEPORT 2 N BRUNDIDGE CALERA CAMBEN		.95 .02 1.04	.34	T ,10	.34	.37	.35	.18	.64 .55 .37 .52	.01		.40		2,66 T 2.14	.31 .26 .51 .37	. 15	1.96 1.36			,06	. 27		.42 T					2.3		16	6.59 .30 8.60 6.45 5.90 4.91
CAMPBELL 2 NW CARBON HILL 2 CENTER GROVE CENTER GROVE		.71 1.06 .65 1.12	.01	.17	.65	.34	.06	.20 .40 .22	.53 .47 .75	т			.21	1.31 5.00 1.92 2.15	.50 .64 .32	.66	.03 .37 .25 .38			.43	.06 .40 .44	. 29 T	,50			.17		1.4	3 2 T		.03 5.68 5.45 11.38 8.82 6.14
CHATON CHILDEENERG CITRONELLE CLANTON CLAYTON		.52 .70 .67 .78		.35	.99 .02	.37 .60 .42	.52	.12	.52 .58 .80				т	1.52 .18 .80	.40	.97	.07 1.63 .35			.39	.12	.05	.06			. 25 T			57 .0	07	5.53 5.12 7.39 5.76 5.03
COLLINSVILLE COLUMBIA CORDOVA		.40 1.77	. 15	.30	.70	.20 .78	.03	.09	.80 .70 .52					4.65 5.90	1,29	1.10	.03 1.75				T .47	. 20	.20 .40 .85		. 10			2.:	0 5 10		9.92 8.37 9.24
DANCY DANVILLE	R	.93 .98 .80 .69		T	.72	.33 1.10 .38	.06 T	.18 .27 .04 .18 .11	.52:	.02				1.13 1.12 2.52 3.28	.21	.33	.43			.02	.69 .07 .13 .15	.17	.01			.01		1.			6.06 6.17 .06 5.58 5.03 8.08
DAYTON DECATUR NO 4 DECATUR NO 4 DECATUR SUBSTATION DEMOPOLIS LOCK 4		1.24 1.21 1.74		.04	.05	.17 .01 T	T .03	.45 .04 .05 .02	.62 .66 .62	Т				2.33 3.20 .63	.23		.04	.01		.55	.30 .40 .23 .28		.14 .07 .07 .05		.04	.58		1.0	6 .0	T .01	8.96 8.11 4.66
ELROD EURALIA	Z Z	.84 .03	, 20	,44	.58 .65	.23 .35 .16 .98	.21	.11	.31 .90 .28 .39					1.98	.45 .30 .48	2.34	.28 1.93 .15 1.11 .33				.34	.51	.30					.(.; 1,-	17 16 17	16	6,60 6,65 5,01 5,21 5,62
EVERGRIPH NA APT FAIRNOPE FALCO NE FALCO NE FALCO NE		.28 .83 .45 .55		.35	1.12	.48	.54 .35	.02 .41 .15	.50					4.00 1.50	.71	1,55	.07	Т		T .18	.30 .35	.59 .58	.07			.22		1.1	.0		7.31 6.35 7.99 7.39
FLAT HOR K PLOPENCE ST LOCK	R	.92	T			,06	Т	.07	.70 .66					2.60	.70 .14 4.00		.10	T			.50 .32 .15		.04		.05	.15		1.0	9	T	6.23 9.46 6.70 7.43
FRISCO CII: GADSDEN	Z ·	.35 .96 .30			.91	,83	.11 .60 .06	.10	.34 .13 .24					3.90 T 5.61	.32	• T	.87 1.47 .11 1.88	T ,02		.37	. 16	.95	.08		.03	.12			2 9 6 T		5.73 6.40 7.17 7.07 9.47
GAINPSVILLE	z	.97 .54	.31	.06	.08 .65	.17	T .04	.10 .05 .13	.39 .42 .50					1.12 7.60	.38 .48 1.06		.19 .12 2.89				.44 .42 .02 .27	т,	.02			T .29		1.1	9 0 T	1	4,61 11,06 7,47 6,23 8,44
GREENSHORD GREENVILLE GREENVILLE SO 2 GULF SHORES 2 SSE	R	.92 .78 .38	.04	.11	1.10	1.06	.06 .28 .40	.16	.69 .42 .30				.02	.28	.34	.37 1.00	.98 .03			.09	.18 .02 .01	.20	.04		.07	.01		1,0 .0	6	.01	5.35 5.40 .04 -
GUNTERSVILLE DAM HALEYVILLE HAMILION MARRISBURG & SE	R.	1.10 2.03 1.53				T .35		.07	2.51 .79 .45 .75			.14		1.28 3.27 2.90 3.15	.58		.08	T			.50 .44 .47 .40	.25	.03		.01	.38 .57 .51	, *	1.1	5		8.47 9.19 9.71 4.51
HAYNEVICH BELEVIL HIGHLAND HOME HIGHTOWEL HODGES		.09 1.55 .32 .71			.12 T	1.80	.34,	.18 .13 .22 .61	.45 .41 .36 .52					1.61	.42 .70 1.62	T .05	.62 .12 .91 .20			T .10	.41 .44	,08	.04		.05	T .45		1.1	2		4,98 5,72 5,94 6,65
HUNTSVILLE SUBSTA HUNTSVILLE HYTCP JACKSON LOCK 1 JACKSON SHOALS		1.52 .20 1.49 .64			T 1.09	1.10	.02	.04 .35 .11 .06	.58			.30	2,66	2.98	.50	T	.14 .26 .06 1.00	Т			.34 .57 .28 .14	.15	.26		ī	.02		1.4	2 T	1	8.14 7.28 8.89 5.85
JACKSONVILLE JORDAN DAM LA PAYETTE LAY DAM	R :	.39 .58 .56 .86			1.25	.01 1.06 .30 .34	.02	.18	.50 .42 .38 .50				2.55	1.00	1.18	.04		T			. 26 . 20 . 10 . 12	.11	.03			.08		. 9	8 .0	4	5.11 4.85 5.59 4.81
LEEDS LEESBURG LINCOLN LIVINGSTON LOCKEART		.61 1.60 .74 .33		.75			.14	.19 .16 .19 .27 .30	.59				2.05	1.49	.51	.03	2.34	4	. 75	.11	.16 1.00 .05 .05	.14	.54			.21	07	.0	3 6		9,59
	RE	.91 1.67 1.16 .47 .80		.11	.60	.15 .17 .01 .06	.28	.04	.30 .57 .48 .40					3.03 2.62 1.75 .80	.36 .11 .59	-41	.09 .18 .07 .05 .48			. 70	.35 .35 .27 .11	.03	.02			.04		.50	1		5,63 7,82 5,71 4,84 4,58

See reference solve following Station Index

DAILY PRECIPITATION

ALABAMA MAPCH 1950

Table 3-Continued		,						_								D					-				-						MAPCH	ALAB	95 0
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	y of m	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
Magion Inclion Mation Inclion 2 5 Martin 147 Maybell Field Mathematical States Mathema		.59 .38 .30		T .03	.04 .40 .85	1.04	.12	.15 .31 .26 T	.50				T .03	90 .82 .36	.90	.34	. 24			.19 T	.59 .49 .04 T	.12 T	.50		т			.66	.52 1 27 T	.02	т	-	5.01 4.80 4.77 3.97 5.46
MERTZ 3 E MIDWAY MILLERS FERRY MILSTEAD MITCHELL PAM	R	.63 .39 .52 .53			1.68 .41 .03	.42 .94 1.78 .58	.35	.20	.43					2.40	.53 .77 .53 1.55	.72	. 25 . 15 . 49 . 33 . 38				.43 .50 .06	.08	. 22		.05	. 65		.88	.53 .62 1.68 1.09	.02			6,37 5,95 5,06 6,06 5,76
MOBILE WB AIRPORT WOBILE WB CITY MONTE SANO MONTEVALLO MONTGOMERY WB APT	z	.83 .91 1.95 1.02		.01		.13 .10 .38 .66	. 58	.03	.14 .52 .77				T 1,46	.24 .37 3.46 1.98	.17	4.07				.32	.45	.56	. 29 . 60 T		.20	. 23		38 15 1 05	1.48 .46		Т		9.43 9.14 10.16 4.34 5.04
MONT, OMERY WE CITY MOLITON MUSTLEF SHOALS CAA A NEW BROCKTON NEWBURG	Z R	.06 T .50		.30	1,00	. 11	.21 .02 T	.38 .95	.30 ,10 T .85	т		.35	3,16 2,60	1.01 1.00 .55 4.46		.21 .01 .13 2.00	T .			.01	.34	.03	. 16		,30	.02		1.20 .83 .76	.02	Т	T.04	03	4.15 6.72 6.99 6.60 8.51
NEW MARKET NEWTON ONEONTA ORRVILLE OZARK		1,15 .72 .42 .10	,02	. 10	. 14	.48 .10 1.10 .29	.98	.32	.75 .41 .68 .22					3.10 6.00 .63	.20 .46 .51		,23 2,09 ,10				.30 .53 .62	.05	.09			.11			.26 1,43				8.89 3.54 10.30 3.73 5.95
PAINT ROCK PALMERDALE PENNINGTON LOCK 2 PERRYVILLE PETERMAN	R	.15 .66 1.39 .76		.42	.30	.98 .47 .42 .21	.14	.31 .24 .19	.41 .51 .36 .55			.32	3.19	1.22 6.10	.35	1,11	.03 .15 .35 .52 .04			, 17	.22 .40 .91 1.12	.48	.20		.15	.34		1,98	1.43			.03 T	5,31 5,88 5,98
PICKENSVILLE PINE HILL PINE LEVEL PLANTERSVILLE PLANTERSVILLE PLEASANT GROVE SCH		.98 .95 .74 1.30			. 21	1.0? 1.55 .45	.45	.14 .38 .20 .05	. 29 . 60 . 26 . 50 . 65				1.52	.72	. 60 . 26 . 63 . 05		.10 .69 .76 .46				.30 .16 .28 .25	.90	. 22		.30	. 08			1.06 .89 1.43 .78 1.50				4.88 6.74 5.86 5.03 7.52
PLEASANT HILL PRATTVILLE PRIMROSE FARM PUSHMATAHA RED BAY	A	.04 .75 .49 .65		.02	1.10 .56 .14 .13	.36 .20 1.17 .51	.27 .10 .07	.02 .08 .08	.39 .60 .58 .42				.02 .01 1.51	2.51	.95	.30	.24 .76 .49		-		.21	-	.08		.01	.35	-		1.11 .53 1.14	,06			4.62 4.64 4.40 7.66
REFORM RIVER FALLS RIVER FALLS 2 NE ROBERTSDALE 7 L ROCK MILLS	R	1.05 .80	, 33	.36	,64 ,43 ,93	.15 .50 ,14 .35	. 24 . 23 . 44	. 22	.49 .60 .49 .14				.01	3.40 .69 .46	1,07	1.73	.08 2.19 .12			. 29	.28	.22 .87 .12	.01 .43 .26 .06			. 13	. 01	1.03	1.11				6.26 7.52 - 6.11 6.49
SAINT BERNARD SAND MIN STA FRM AP SAYRE SCOTTSBORO SCOTTSBORO SUBSTA		1.65 .92 .65 1.26				.03 .02 .07	.03	.19 .13 .09	1.02 .62 .16 .65			.46	2.20	3.85 3.64 5.49 2.80 4.43	. 25	,02	.09 .09 .10 .03				.45 .55 .31 .15	.04	.02			.27 .15 .39		1,18	1,31 .03 1,17	Т	Т		9.59 8.58 8.52 8.92
SEALE 7 WNW SELMA SHEFFIELD TVA NRSY SHOEMAKER SPRINGS SLOCOMB		.40 .42 .78 .93		т	. 20	.59	. 06	.17	.19 .62 .40 .57				1,93	4.55	1,31 1,96 .54		. 28 . 19 . 21 3 . 02				.40 .35 .61 .38		.16 .04		.03	. 20			2,10 .86 .93 1.24 1.28	Т			4.85 7.73 7.22 8.82
SNOW HILL SOUTH HILL SPRING HILL SUTTLE SWAIM		.48 1.47 .98 .66 1.62		.03	.12	.20	. 45	.23	. 69 . 85 . 24 . 55 . 77					4.23 .06 .39 2.55	.26 .22 .37	Т	.91 .14 3.89 1.03 .18				.15 .32 .33 .63		. 22			.19			.75 1.64 .29 .87 1.20	.06			5.66 9.70 7.93 4.73 9.05
SYLACAUGA SYLVANIA TALLADEGA TALLADEGA HRN MT TR THOMASVILLE		.61 .80 1,34 .90 .62			.01 .20 .16	.32 .17 .06 1.06	.24 .09 .16	.17 .12 .02 .14	.43 .78 .56 .36			. 01		1.46 3.35 1.58 1.98	.43	. 09					.33 .28 .45 .61	.04	.04		.08	. 26 . 65 . 50		.83 .72	.90 1,39 T	.06		.04	5.03 8.20 6.30 5.89 5.81
THORSBY 1 SW THURLOW DAM TONEY TRAFFORD TROY	R Z Z	.73 .68 .85			, 30	1,61	.21	.32 .39 .24	.42 .34 .20 .35			.50	1.89	1,07 .02 1,20 5,15 .01	. 64	.33	.33 .23 .15 1.27			,02	.32 .05 .45 .36	.03	.09	1	.16	.20		1.11	1.23 1.18 1.10			.05	4.23 5.39 6.26 8.88 5.85
TUSCALOOSA CAA APT TUSCALOOSA LCK DAM TUSKEGEE UNION SPRINGS UNIONTOWN		.92 .98 .63 .50		T	.17 .01 .02 .70	T .17 1.00 1.30		.01 .04 .34 .39	.42 .25 .44 .51		Т			2,65 2,35 .30 .45	.35 .26 T	. 14 T	.04 .12 .37 .80 .43	.01 T		22	.22 .35 .03	.04	.09		.01 T	.01 T			T 1,22 1,91 1,00	.01		Т	6.11 5.97 6.06 5.50 5.36
UNIVERSITY VALLEY HEAD VANCE VERNON WADLEY	Z	.75			. 14	. 21	.05	.10 .66 .25	.25 1.16 .02 .60					2.65 4.14 1.74 5.40	.38 .46	. 10	,30			.17	.23 .30	.05				.17		1.00	1.20			.04	5.39 3.76 7.90 5.45
WALLACE WALNUT GROVE WATERLOO WEST BLOCTON WETUMPKA		.65 1.20 • .98		.10	. 10	.80		.40 .55 .10	.05			1,60	2.60	5.70 1.03	. 85	٠	2,13 * .20 .26				.02: .53 * .17	.06	.10 .23			.26 * T		1,68	.58 1.34 .20 1.18	.60		-	6.91 9.81 6.91 5.39
WHATLEY WHEELER DAM WHITFIELD LOCK 3 WILSON DAM WINFIELD 2 SW		.57 1.13 .67 .75			.79	.91	. 26	.10 .02 .12 T	.80 .35 1.07				2.04	2.70 .31 2.60 2.95	. 29 . 10 . 53 . 08 . 50		.91 .21 .43 .14				.20 .47 .71 .63		. 29 .04 .07 T		.02	.12			.67 1.12 .70 .98 1.15		T		5.52 7.96 4.89 7.79 9.39
YATES HYDRO PLANT YOUNGS STORE		.38 1.40				1.61	.07	.38	.59 .35				1.65	1.90	.61		.27				.70	.01							1.16				5.74 7.30

Table 4																									MARCH	1950
						A. b	A. Hou	r endi	ng									P N	I. Hou	r endi	ng					d
Station		1	2	3	4	5	6	4	3	9	10	11	12	i	2	3	4	5	6	7	8	,	10	11	12	Tota
_	,														-	+				-						
													-lst													
ABBEVILLE ADDISON		19				0.1	11	43	-15		1.3															23 19
ASBLAND ATMORE STATE FARM		11	1 ()	. 29	.15	33	-	-					-	-	-	-	-	-	-							1 ,6
AUBURN SCS 10 BERRY		7.4	12	.10	.10	10	3.3																			63 86
BIRMINGHAM WB APT BOAZ		17	31	. 26	. 01		. 1				0.1															73 71
CAMPBELL DADEVILLE NO 2 DOTHAN AA AARPORT		-11	13.5	.03	. 20	_6	19	.01		.01	.01															80
EUTAW LOCK NO 7 EVERGREEN CAA APT 6		15	13	. 09	.01		,	1.2		.18	.16			.16												70
FORT MORGAN // FORT PAYNE		27	05	.11						. 06	.07															33
GARDEN CITY GREENVILLE NO 2	-	17	0.5		-						_	-		_	_			_	_							12
GUNTERSVILLE REC BALEYVILLE		13	02				*	٠											_	-			-			
HUNTSVILLE JACKSON SOCK 1			(1)	.04	.15	. 39	96	. 20																		66
LAY DAM		()3	. 13	.12	. 50	.01	42																			39 84
MARION 1 SSE		0.5	10	. 31	.06	. 30	01		20	0.0																. 47 78 . 39
MIDWAY MOBILE WB AIRPORT 6 MOBILE WB CITY			А	*	. 05		* 10	14 79	.32	.02		٠	•	. 39												91
MONTGOMERY WB APT 6 MONTGOMERY WB CITY			14	.08	.11	1 }	36	50																		62
MOULTON MUSCLE SHOALS CAA A 6		40																								06
NEW BROCKTON PAINT ROCK		0.8	117					11	. 23	. 26																50 15
PETERMAN PLEASANT HILL				. 01	. 04	. 15	23	.+2																		76
THORSDY 1 SW		02	15	.09	. 38	173	*	•	1.05																	1.05 73 55
TRAFFORP TROY TUSC LLANGS L CAA APT 6		09	12	* 1	.02	12	.)2	.37	.05																	. 49
TUSCALOUSA CAA APT 6		1	48	. 26				.92																		.75
													-2c	1-												
CAMPBEL L																									4/1	0.1
													-30	d												
ABBEVILLE CAMPBELL							. 01						>1		.01		.12	. 03	.01	.01	.01	. 03	. 02	0.2	97	30
DOTBAN CAA AIRPORT EVERGREEN CAA APT 6									- 0					0.5	5	.01	- 01	.07	. 05	. 02	.08	. 02		05	02	33 N2
FOR! MORGAN GREENVILLE NO 2						.01		.01	.02	02	. 01		1.5	.05	, 04	.10	. 19	.09	.01	.01	04	.04	. 01	12	01	69
JACK ON LOCK 1						*		. 07	,		*		,	. 30	.01	.05	.02	.04	.02	.01		.04	.01	.01		. 11
MODILE WB AIRPORT MODILE WB CITY MONIMOMENY 48 AP. 6						.01	() 1	.02	.05				143	.05	.02	.06	. 09	. 09	. 06	.04	. 118	.08	.07	03	02	87
NEW PROXICE ON PELL ON A																.01	.05	.06	.03	.05	.05	. 03		.02	01	30 40
RILL TILLS 2 NE																	. 08	. 05	.06	.07	.02	.02	.01	02	. 03	36
													-4t	h-												
ABBI VILLE		.08	. 06	10	. 02	.02	. 03	. 03	-1	.02	.01	13	03	.06	.05	.03	.06	.13	. 04	. 04	. 01		. 02	02	01	1 03
ADDITION //									7	. 03	. 01	0.1	413	.01	.04	.06	. 01	. 03	.02	.02	02	.04		.01	01	, к
ATMORE STATE FARM ANGERN SCS LO BIOLINGHAM WB APT									1	.04	. 02	95 91	12	.01	.01	.09	.09	.14	. 20	. 09	04			33	+1	1 1:
CAMPSELL IMITATION 2		4	> "	04	. 03	16	10		i I	.03	. 06	02	-1	.01	. 06		. 07	.01	.01	.02	.05	. 03	.01	01 5	05	85 72
DOTH W AND THE SECTION OF STREET		34	(4		. 02	1	33			. 01	. 02	04	102	.04	. 01	. 04	. 04	.06	. 05		03		. 01	03	01	37
EVELVALEN ALL LEYE //		04	01			0.1	0.2	13	11	. 21	. 09	16		. 52	. 02	. 28	. 07	.06	.14	.16	, 92	.02	. 02	. 13	. 06	1 29
JA KNO 108 K		13	116		.04	0.5		4	11 24	.08	. 11	.3	(1)	.01	.01	.04		.03	.05		01		.02	. 13	.05	85 28
JACKSONVILLE LAY DAY				0.5	0.1	4	04			. 02	. 06	103 103 103	11)	. 04	.02	.04	.06	.02	.01	. 01	. 01	.02	. 01	01	(1)	23
MACNOLIA MARRON 1 55F MIDWAY			. 2	.01	. 01	-71				.02	. 01	1113	112	.01	.08	.05	.01	.03	.01	. 02	.04	. 04			04	31 1 6k
MOBILE OR TENTORT 6		1-1	. 52	- 10	0.0	-		4 1	3	.05	.03	1	1-	.06	*	.0			0	.02	.01	. 07				55
MONTGOMER OF THE						10.3	101	5, [1]		.03	.03	1	. 1	.12	.06	.06	. 06	.12	.17	.67	.07	.03	.02	. 13	, 0.5	1 00
10 1 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		04	01	.03	.02	71 01	+-1 + ?	.03	03	.15	. 07	,	1	.05		, 01	. 12	. 06	. 03	. 02	0.9	. 01	. 20	(13)	. 09 1.5	. 98
RECOMMENDED AND ADMINISTRATION OF THE PROPERTY		14		.02	. 05	-1	2	.01	16		.06	3	th	.06	0.4	.12	.12	. 02	. 02	.01	. 03	.01	. 01	103	01	4.3
Even Fig.				0.0	0.5			0.2	(1)	.01	. 04		10	.02	. 04	. 05	. 03	. 02	. 03	.01	02	. 07	.01	1.5	1.3	112
FROM THE AND T		4	6.	. 03	.05	, 1	> {	.01	4	.01	.01			.08	.02	0.02	.01	. 02	.01	. 09		,	,			14
TORION									-	.04	, 02															-11
													5t	1-												161
ABBEVIII, ASHIANE //		1		.01		1.1	,		. 01	. 03	. 06															29 02 14
ATMORE STATE FARM AUBURN SCS 10		() &	i	. 1.0	.01	1	3	1.1																		81 04
DATEVILLE NO 2		+7	1<					~ ~	02				02													35
BOTHAN AA ATRPORT EU'' AR LOCK NO 7				.02	, (1)			.05	. 01	01			0													410
EVERGREEN AN APT 6 FORT MORGAS		01	01				.0	. 48					04	. 01												29
GREENVILLE NO 2		0.5	1 ()	. 01	. 02	107							0.0	, 52												

ALABAMA MARCH 1950

Table 4-Continued				,		OII	LI	III	E(C)	ILII	AI	101	N											ABAMA 1 1950
Station				A. N	M. Hot	ur endi	ng									P. 1	M. Ho	ır endi	ing					Total
	1 :	2 3	. —	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
JACKSON LOCK 1 JACKSONVILLE LAY DAM MAGNOLIA MARION 1 SSE MIDWAY MOBILE WB AIRPORT MOPHILE WB CITY MONTCOMERY WB CITY MONTCOMERY WB CITY NEW BROCKTON PETERMAN PLEASANT HILL RIVER FALLS 2 NE TROY UNIVERSITY	.01 .01 .01 .12 * .01 .22 * .04 .01 .06 .02 .	01 * 03 .01	.10 .03 .08 .03	* .01 * .04 .01 .02 .01 .01	* .02 * .03 .04 .04	.06 .01 .62 .01 .01	* * .01 .06 .06	.02	* * . 01	* * . 01	* *	.02		•	*		*	*	*	*	*	*	1.03	. 57 . 01 . 01 . 01 . 01 . * . 10 . 49 . 11 . 21 . 36 . 14 . 57 . 01
ABBEVILLE ADDISON ASBLAND ATMORE STATE FARM AUBURN SCS 10 BIRMINGHAM WE APT BOAZ CAMPBELL DADEVILLE NO 2 DOTHAN CAA AIRPOK EUTAW LOCK NO 7 EVERGEN CAA APT GREEN CHA APT GREEN CHY GREEN LIE NO 2 HUNTSY LILE JACKSON LOCK 1 JACKSON LOCK 1 JACKSON LOCK 1 JACKSON LOCK 1 JACKSON LOCK 1 MAGNOLIA MARION 1 SSE MIDWAY MOBILE WE AIRPORT MOBILE WE CITY MONTCOMERY WE CITY MONTCOMERY WE CITY MONTCOMERY WE CITY MOULTON NEW BROCKTON PETERMAN PLEASANT HILL RIVER FALLS 2 NE TRAFFORD TROY TUSCALOOSA CAA APT 6 UNIVERSITY	.01 .	04 .05 .06 .07 .03 .01 .01 .10 .03 .01 .04 .05	* .01 * .05 .01 .04 .01 .01 * * .02 *	* .09 .08 .02 .02 * * .04 * .02	.03 .09 .04 .09 .02 .04 .01 * .06 * .02 .11 .03 .01	.05 .01 .24 .02 .04 .05 .04 .03 .04 .05 .02	.05 .05 .01 .05 .18 .06 .04 * * .05 .05 .05 .05	.01 .04 .05 .02 .03 .01 .01 .01 .03 .01 .03 .03 .03 .03 .03 .03 .03 .03 .03 .03	.01 .02 .04 .01 * .01 .05	.02 .01 .04 .02 .01 .04 .03 * .01 .03 .01 .03 .01 .03 .01 .03 .01 .03 .01 .04 *	-6t	.01	.01 .02 .01 .01 .05 *	.09 .03 .02 .01 .04 * .01 .01 * .01 .03	* .01 .03 .04 * .03 .03 * .02 *	.01 .02 .02 .01 .01 * .06 .04 * *	.01	04 07 07 07 07 07 07 07 07 07 07 07 07 07	.09 .03 .06 .04 .02 .01 .05	.01	.58 .01 .01 .01	.09 .02 .07 * .01	.01 .07 .01 .12 .01 .01 .01	.90 .14 .56 .60 .56 .07 .05 .26 .25 .15 .05 .00 .04 .15 .40 .27 .22 .28 .17 .48 .21 .02 .40 .47 .27 .23 .21 .10 .29 .20 .20 .40 .47 .27 .23 .21 .10 .29
VERNON	,							. 04			-7t	h-												, 04
ADDISON ASHLAND BELGREN BERRY BEXAR 2 SE BIRMINGHAM WB APT BOAZ DAGZ DAGZ DAGYILLE NO 2 DOTHAN CAA AIRPORT EUTAW LOCK NO 7 EVERGREEN CAA APT FLAT ROCK FORT PAYNE GARDEN CITY GUNTERSYILLE RC HUNTSYILLE RC HUNTSYILLE G MIDWAY MONTCOMERY WB APT MOULTON MUSCLE SHOALS CAA A FAINT ROCK PLEASANT HILL TONEY TRAFFORD TUSCALOOSA CAA APT UNIVERSITY VERNON	.01	01 01 01 01 02 *	.01	.01 * *	,01	* .01	* *	*	.02 * * *	*	* * * * * * * * * * * * * * * * * * * *	* * *	* * *	* !	* *	* * *	* *	* *	* ***	.28		.45 .07 .09 .16 .01 * * * * .04 *	. 01	. 94 . 04 . 46 . 83 . 29 . 07 . 03 . 04 . 05 . 02 . * . 1. 53 . 38 . 31 . 02 . 39 . 04 05 66
ABBEVILLE ADDISON ASELAND ATMORE STATE FARM AUBURN SCS 10 BELGREN BERRY BURMINGHAM WE APT BOAZ CAMPBELL DADEVILLE NO 2 DOTHAN CAA AIRPORT EVERGREEN CAA APT FLAT ROCK FORT MORGAN FORT PAYNE GARDEN CITY GREENVILLE NO 2 GUNTERSVILLE RCC HUNTSVILLE LAY DAM MAGNOLIA MARION I SSE MOBILE WE AIRPORT 6	.07	02 .46 .40 .40 .40 .02 .22 .01 .20 .05 .03 .29 .4 .10 .35 .23 .23 .29	.09 .01	. 22 * * *	.01	1,02 .66	.01	.01			,011						ı			1				.61 .20 .52 .50 .49 .37 .52 .32 .66 .12 .76 .27 .30 .2.51 .35 .59 .47 .40 .37

See reference notes following Station Index.

Table 4-Continued					_		OII.						101											MARCH	1950
					A. N	A. Hou	ır əndi:	ng									P. I	M. Hou	ır endi	ng				1	-
Station	1	2	3	4	5	6	7	8	9	10	2.1	1.2	1	2	2	4	5	6	7	0	0	10	11	10	Total
-	1		3	-		0		8	9	10	11	12		2	_3	4	5	0		8	9	10	11	12	
MOBILE WB CITY MONTGOMERY WB APT 6			. 51	.01			40																		. 52
MONTGOMERY WB CITY MOULTON	. 09	-	. 23	. 07	•		. 40																		. 30
MUSCLE SHOALS CAA A 6 NEW BROCKTON	.95			. 75	.10		. 01															1			.10
PAINT ROCK PETERMAN	. 28	.13	. 45	. 03	. 01	. 01																			.41
PLEASANT HILL RIVER FALLS 2 NE		.01	. 32	. 02	.04	, 02		. 03	.01								٠								. 39
THORSBY 1 SW TONEY	.02	. 30	.10																						. 42
TRAFFORD TROY	. 27	. 01	. 01	. 01	. 01																				. 29
TUSCALOOSA CAA APT 6 UNIVERSITY		.25	*	*	0	*	. 01																		. 25
VERNON	.02																								. 02
												-9	th-												
FLAT ROCK			1			1								*	*		*	*	*	*	*		*	*	
ADDICON												-11	th-									1			
ADDISON BELGREEN								0.0					.07		.08	. 01			. 07	. 03	. 01	. 01			. 14
BOAZ FLAT ROCK FORT PAYNE								.01		×	*		*	*	*	.02	.02	. 02	. 01	. 01	.01	8			.10
GARDEN CITY																. 01		. 04	. 02	. 01					. 06
GUNTERSVILLE REC HALEYVILLE HUNTSVILLE 6	-	-	-	-	-	-	-	-	-					. 03	. 07	. 01	.01		. 02						. 03
MOULTON													. 02	. 26		. 02	.01	*	. 30		.04				. 35
MUSCLE SHOALS CAA A 6 PAINT ROCK TONEY								Ť	4	-	7	,	.01	. 10	.10	.12	. 02	.01	. 21	*	٠	. 07	20		. 32
TRAFFORD														. 10	.09		.02	. 08	.06			. 09	.20		. 50
												-12	th-												
ADDISON ASHLAND //				. 01	. 07	, 58	. 20	. 20	.19	.10	. 02	. 13	.01		. 01	. 07	. 1.4	. 09	. 03	. 27	. 08	.27	. 34	. 11	2.91
BELGREEN BERRY			. 21	. 30	. 12	.11	. 21	.12	.07	.02	.03	. 16	.02		. 01	. 01	. 52	. 30	. 12	. 68	.11	. 20	. 01	. 29	2.92 3.60
BEXAR 2 SE BIRMINGHAM WB APT			.10	. 53	.17	. 20	. 28	. 14	.04	. 05	.18	.14	.01	.01		. 01	.21	. 05	. 30	.08	.12	.04	. 26	. 29	3.20
BOAZ CAMPBELL						.01	. 03	. 21	. 31	. 34	. 33	.08	.10	.06				. 01	, 58	. 56	. 25	. 40	.15	,12	3.54
EUTAW LOCK NO 7 FORT PAYNE	.02						.07	. 20	. 24	. 13	. 20	. 13		.02	.01	. 02			.09	. 23	. 03	.02	. 03	.13	.05
GARDEN CITY GUNTERSVILLE REC				. 03	. 20	. 22		1.08	.30	. 66	.17	. 19	.03		. 03		.02	.70		1.27	. 66	.07	.16	. 09	5.51 2.91
HALEYVILLE HUNTSVILLE 6			.01	.13	. 58	. 09	. 25	.16	. 27	. 09	.02	.04	.01	.01			.01	.18	.12	.14	.14	.16	.06	.37	2.84
JACKSONVILLE MOULTON		. 12	. 54	.01	. 40	. 12	.18	. 24	.26	. 04	.06	.04	.09	.17	. 07	, 52	.18	.19	.17	.18	.01	.03	.13	.10	2.55
MUSCLE SHOALS CAA A 6 PAINT ROCK	. 28	*	*	*	. 09	, 28	1.10	. 28	.12	. 39	, 09	.02	.28	.12	. 01		.10	.30	. 54	.06	. 23	. 02	. 20	.08	3.19
PLEASANT HILL TONEY				. 01	.01	. 20	. 25	. 25	.10	. 09	*	.01	*	. 03	.06	.01	*	.19	.11	. 20	.07	.03	.12	.16	1.89
TRAFFORD TUSCALOOSA CAA APT 6			*	*			. 01		. 01	. 49	.65	. 44	.17	.01		. 01				٠	.42	. 64	.29	.37	3,50
VERNON					. 30	. 66	.18	1.01	. 29	. 16		. 03				. 01		*		*	*	*		•	
											-		th-												
ABBEVI: LE ADDISON	. 20	.20	. 25	. 20	.14	. 15	. 06	. 21	.11	. 04		.19	.06	. 01											1.56
ASHLAND // ATMORE STATE ZARM			.01	. 07	. 02	. 80	. 30	. 11	. 19	. 21	. 27	.01													1.99
AUBURN SCS 10 BELGREEN BERRY	. 23	. 21	. 31	. 18	. 02	. 16	. 03	. 03	1.0	, 50	. 09														. 59 1.17 2.06
BEXAR 2 SE	. 49	. 30	. 26	.32	. 29	. 26	.16	.11	.15	.04	. 09		. 01												1.25
BIRMINGHAM WB APT BOAZ CAMPBELL	.13	. 02	. 55	.14	.13	. 21	.12	. 13	.13	.13	.09	. 02	.01												1.74
DADEVILLE NO 2 DOTHAN CAA AIRPORT							, 00	. 37	.19	. 51	.05		. 12	. 09	. 04										1.12
EUTAW LOCK NO 7 EVERGREEN CAA APT 6			.01	.94	. 20	. 23	. 26	. 20	.05	. 03			. 36												1.92
FORT MORGAN FORT PAYNE	. 20	. 19	.14	. 19	. 25	. 12	. 19	. 15	. 06	. 09	.31	. 09													.40 1.59
GARDEN CITY GREENVILLE NO 2	. 27	. 33	.14	.14	. 27	.14	.23	.16	. 22	. 08	.03	. 01		. 02	. 03										2.01
GUNTERSVILLE REC BALEYVILLE	.17	.20	.20	.15	.22	. 20	.09	. 05	.05		.05														1.28
HUNTSVILLE 6 JACKSON LOCK 1	1.00			*	•	*	1.00	. 25	.16		*	*	. 25												. 41
JACESONVILLE LAY DAM	.01					. 23	.38	. 07	.13	. 23	. 04														1.08
MAGNOLIA MARIOR 1 SSE					. 04	. 53	.10	. 19	.33	.01															1.08
MIDWAY MOBILE WB AIRPORT 6			.01	.01		.01					.33	. 19	.04	. 01											. 60
MOBILE WB CITY MONTGOMERY WB APT 6								*	.01	.18	.12	.05	. 01												. 37
MONTGOMERY WB CITY MOULTON	. 21	. 20	. 20	.10	.12	. 05		. 03	.01	. 27	. 02														. 29 1.01
MUSCLE SHOALS CAA A 6 NEW BROCKTON	. 68	*	*		8		1.00					. 45	.07	. 02	.01										. 55
PAINT ROCK PLEASANT HILL	.26	.15	.09	:14	.16	. 13	.19	.03	.07		*						6			0				.70	.71
RIVER FALLS 2 NE THORSBY 1 SW	1		1			. 28	.40	. 03	.15	. 20	.62	.06	.01												1.07
TONEY FRANFORD	. 02	. 20	. 30	. 09	.16	.08	.17	.03	.06	. 09	.05		0.0	01											1.20 1.75 .35
TROY TUSCALOOSA CAA APT 6	. 01	4	.01		0		2.10		0	.05	.17	.15	. 01	. 01											2.65
VERNON	.23	: 47	. 50	. 40	. 25	. 20	. 23	. 12	.18	. 05	.02	2.76													5.40
												-14	th-												
FLAT ROCK			0			٠	4.00					1.1	LLL												4.00

ALABAMA MARCH 1950

G						A. 1	М. Но	ır endi	ng									P. 1	M. Hou	ır əndi	ng					7
Station	1		2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
PLEASANT HILL	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ABBEVILLE ASHLIND ASHLIND ATMORE STATE FARM AUBURN SCS 10 BELGREEN												-	-15	th-	.01	. 20	. 30	. 08	. 23	.15 .08 .78	. 13	. 20	. 15	.01	. 61	. 2
ERRY EXAR 2 SE 1RMINOHAW WB APT 0AZ AMPBELL ADEVILLE NO 2 OTHAN CAA AIRPORT UTAW LOCK NO 7						. 01				.01	.01				.04	. 09	.16 .01 .48	. 22 . 01 . 45	. 08 . 13 . 71	.02	.05 .04 .02 .05 .03	.01 .01 .02 .02 .01	. 02	.02	. 02	.0
VERGREEN CAA APT 6 ORT MORGAN // ORT PAYNE ARDEN CITY REENVILLE NO 2 ALEYVILLE ACKSON LOCK 1										*	*	*	* !	.06	.07		.30	* .10 .22 .15	.08	.19	.13	.02	.02	.07 .05 .01 .02	. 05 . 02 . 02	.0 .0 .1.0
ACKSONVILLE AY DAM AGNOLIA ARION I SSE TUMAY DBILE WB AIRPORT 6															.01	. 01	*	.04 .08 .20 .12	.16 .09 .11 .17	.07	. 06	.01	.01	.02	.01	
BILE WB CITY NTGOMERY WB APT 6 NTGOMERY WB CITY ULTON	1														*	.90	.13	* .02	. 05	.53	.11	.02	.02	.01	1.18	3.1
USCLE SHOALS CAA A 6 EW BROCKTON ETERMAN EVER FALLS 2 NE HORSBY 1 SW RAFFORD												.02	. 03		. 01	.05	.07 .25 .32	. 23 . 16 . 18 . 06	. 17	.46 .21 .41	.35 .09 .40	* .28 .01 .09 .01	.02	. 02	. 28 . 09 . 12	2.0
RCY USCALOOSA CAA APT 6 NIVERSITY															*	* [.01 * .02	.35	.09	.09	.22 *	. 19	.01	.02	. 01	. 9
ERNON													-16	th								. 01			.04	, (
BBEVILLE SHLAND // THOOPE STATE FARM UBURN SCS 10 EXAR 2 SE OAZ AMPBELL MOEVILLE NO 2	. 0	04	.01	.01 .02 03 01	.02	.01	. 02	.01	.01		İ		10													. 6
OTHAN CAA AIRPORT VERGREEN CAA APT 6 LAT ROCK ORT MORGAN // ORT PAYNE ARDEN CITY	0.0	68 02 07	.16	.07		* .01	*	.07	*	.01	*	.01	*	.01	*	*	*		1jk	*	nts	*	*	*	*	*
REENVILLE NO 2 UNITERSVILLE RC ALEYVILLE UNITSVILLE 6 ACRSON LOCK 1 ACKSONVILLE AY DAM	. 0		. 01	.01	.01	.02 * 01	* .02	.08).).).
AGNOLIA IDWAY DBILE WB AIRPORT 6 DNTGOMERY WB APT 6 DNTGOMERY WB CITY DULTON	.0 2.4	06 42 22	. 01 . 03 *	. 03	*	.02 .01	.01	.01	.01		1															. 0
USCLE SHOALS CAA A 6 EW BROCKTON AINT ROCK ETERMAN IVER FALLS 2 NE OMEY	. 0 . 0 . 0	05	11 93 .02 .01		. 01	. 02	. 02		. 02	.01	.01															. 2
ROY USCALOOSA CAA APT 6 ERNON	(.	09	02	, 03	. 02		. 01								*	*	*	*	*	.01						. 1
TMORE STATE FARM ELGREEN ERRY											ı	-	-19	th-		1			.05	.02				10	. 09	. 1
JEXAR 2 SE LIRMINGBAM WB APT AMPBELL JA DEVILLE NO 2 UTAW LOCK NO 7 ORT MORGAN //										. 01	. 01					. 06	.05	. 26 . 32 . 12	. 01	.01	. 01		.04	07 .01 .01	. 25	.3
REENVILLE NO 2 LALEYVILLE LACKSON LOCK 1 LACKOLIA LAGNOLIA LAGNOLIA LARION 1 SSE								1			1				*	*	.02	.13 .26 .17	.03	.01	.05		.01	.03	.01	.0.1
MOBILE WB CITY MONTGOMERY WB CITY MUSCLE SHOALS CAA A 6 FETERMAN FUNCALOOSA CAA. APT MISCALOOSA CAA. APT MIYERSITY															*	*	. 06	. 25	.02		.01	*	* .02		* . 01	.1 .0
ADDISON ASHLAND BELGREEN	. (01	. 07	.14		. 06	.08	.09	13	26	02	-	-20	th-							. 04	.03				.2

Table 4-Continued														,											MALINCE	1000
Station					-	A.	M. Ho	ur end	ing						,			P.	M. Ho	ur end	ing			_		Total
		1	2	3	4	5	6	7	.8	9	10	u	12	1	2	3	4	5	6	7	8	9	10	11	12	To
BEXAR 2 SE BIRMINGHAM WE APT		. 09	. 06	.03	. 01	, 19	. 04	. 01		. 01																.20
BOAZ CAMPBELL		. 02	. 01	. 04	.05	.07	.24	. 05	, 03	. 02																. 25 . 48 . 06
DADEVILLE NO 2 EUTAN LOCK NO 7 FLAT ROCE				.15	. 02			. 15		.12		. 01														.13
FORT MORGAN FORT PAYNE	//		Ť	.01	.01	.01	. 05	. 01	. 04	. 02							.02									. 15
GARDEN CITY GREENVILLE NO 2		. 01			.07	.31	. 03	10	0.4																	.41
GUNTERSVILLE REC EALEYVILLE HUNTSVILLE	6	. 04	.20	.15	*	*	.16	.10	. 04					.13												.50
JACKSONVILLE LAY DAN MAGNOLIA		.01	. 06	.01	.01	.02	.01	. 04	, 09	. 05	. 05															.26
MARION 1 SSE MOBILE WB AIRPORT	6	. 01	.01	.15	.07	. 02																				.11
MONTGOMERY WE APT MONTGOMERY WE CITY MOULTON	6	. 02	, 23	. 06			. 03		. 04	*	*	*	*	.02												. 04
MUSCLE SHOALS CAA A PAINT ROCK	6	. 08	*	*	*	.01	,12	. 48	. 04	. 01																.22
THORSBY 1 SW TONEY TRAFFORD		. 01	. 03		. 07	.04	.09	.07	.06	. 02	. 01								, 01	.02	, 01	. 01		.01	. 02	.32 .45 .37
TUSCALOOSA CAA APT UNIVERSITY	6	. 03	*	* , 06	.01	*	*	.22	, 02																	.34
													-21	lst-												
ABBEVILLE ASHLAND	//									.01	.01											. 03	. 01		. 01	. 03
ATMORE STATE FARM BELGREEN BEXAR 2 SE																		. 01	.04					,12		. 12
BIRMINGHAM WE APT CAMPBELL									05	0.0		0.1		00	- 0	00			. 06	. 21	, 06	.01	. 01			. 06
DOTHAN CAA AIRPORT EVERGREEN CAA APT FORT MORGAN	6			.01	.01	. 03	. 01	. 09	. 05	.02		. 01	.15	.10	.10	. 02			, 01		*	*	*	*	.01	1,00
GREENVILLE NO 2 JACKSON LOCK 1																				.19	. 01	.20	01			.20
JACKSONVILLE MAGNOLIA MARION 1 SSE																				.31	.07	.10	.01			.11
MOBILE WB CITY	6								*	.01	*	,03	, 03	. 22	*	*	*	*	*	.01	*		. 25	.10		.52
MONTGOMERY WE APT MONTGOMERY WE CITY MOULTON	6																		. 03			•	. 03	•		. 03
MUSCLE SHOALS CAA A NEW BROCKTON	6														*	*		*	*	.02	. 38	. 01	.08	.01	. 04	.04
PETERMAN RIVER FALLS 2 NE TONEY																					. 03	, 01		, 01	.22	. 22
TRAFFORD TROY	6																			. 01			.01	. 02	.01	. 02
TUSCALOOSA CAA APT UNIVERSITY	0																		. 01	. 03						, 04
ABBEVILLE				. 02	. 04	. 13	. 20	. 03					-22	2d-	-											. 42
ATMORE STATE FARM BEXAR 2 SE		. 01	, 01		. 01				. 01																	. 04
CAMPBELL, DOTHAN CAA AIRPORT EVERGREEN CAA APT	6	.59	, 01	, 01	. 13	. 03	. 04		. 01																	.01
FORT MORGAN JACKSON LOCK 1 MOBILE WB AIRPORT	//	20		. 04	.01	.02	. 02	. 29																		.07
MOBILE WE AIRPORT MONTGOMERY WE APT	6	. 33	,56																							.60
NEW BROCKTON PETERMAN RIVER FALLS 2 NE		.01	, 01	. 03	.07		. 01		, 03	.01																.16 .01 .26
TROT TUSCALOOSA CAA APT	6	. 01	. 03		. 02	. 16	. 02		, 03																	, 05
												_	-24	th-												
ADDISON ASHLAND	//																		.34		. 07		٠	.01	.05	.41
BELGREEN BIRMINGHAM WB APT FLAT ROCK																			.53		. 02	, 05	. 01		.10	. 65 . 04 . 05
FORT PAYNE GARDEN CITY																				. 01	.01	, 06			. 01	.08
GUNTERSVILLE REC HALEYVILLE LAY DAM																				. 35	. 02	, 00				. 35
MONTGOMERY WB APT MONTGOMERY WB CITY	6				•		. 02	.10			1										٠		۰			. 02
MUSCLE SHOALS CAA A PAINT ROCK TONEY	6						Ť	. 02											.12		.12	. 03				.15
TRAFFORD TUSCALOOSA CAA APT	6																				.19	0	٠	0	•	.19
												-	-25	th-												
ADDISON ASHLAND BELGREEN	//	.06	. 06	.02	.01	. 18	.01	.01	٠	٠			٠	٠	٠	1.38										.16 1.56 .26
BEXAR 2 SE BIRMINGHAM WB APT		.19	, 01	, 13	.06	. 20	, 01			. 61	. 01					. 04										. 45
BOAZ FORT PAYNE GARDEN CITY		.01	.01	. 08	.01																					.10 .01 .15
GUNTERSVILLE REC BALEYVILLE			.18	.13	. 02	, 01	.01																			.14
JACKSONVILLE MOULTON MUSCLE SHOALS CAA A	6	.02	, 01	. 01	.02		.01	.03																		.08
LOUGH CHURES CAN A	0	. 20																								

ALABAMA MARCH 1950

Table 4-Continued													IVI	101												H 195
Station						A	. M. H	our en	ding									P. 1	M. Hou	ar endi	ing					78
Station	1	1 :	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
TRAFFORD TUSCALOOSA CAA APT 6)1			. 0	2							. 01					-			.02			1	1	
ABBEVILLE ADDISON ASHLAND ATMORE STATE FARM AUBURN SCS 10 BELGREEN											.30		. 08	,50	.17	.02	.49	.64	. 33	1.10			. 02	.47	. 23	1.3
BERRY BEXAR 2 SE BIRNINGHAM WB APT BOAZ CAMPBELL DADBYILLE NO 2 DOTHAN CAA AIRPORT EUTAW LOCK NO 7 EVERGREEN CAA APT 6									٠	٠	. 65	. 46	.96	.40	.15 .66 .71 .06	.01	.01	.01	.50	.03		. 02	.08	.33	.17	1.1.1.1.1.
FLAT ROCK FORT MORGAN // FORT PAYNE GARDEN CITY GREENVILLE NO 2 GUNTERSVILLE REC BALETVILLE HUNTSVILLE 6											.03	*	*	* .70 .10	.07	.82 .69 *	.52 .08 .25 *	.28 .01 .06 *	. 06 . 09 *	.93 .13 * .33	٠	٠	*		.01 1,14 .02	1.0 1.0 1.0 1.0 1.0
JACKSON LOCK 1 JACKSONVILLE LAY DAM MAGNOLIA MARION 1 SSE MIDWAY MOBILE WB AIRPORT 6 MOBILE WB CITTY	, and the state of													٠	.38	.10 .08 .44 * .27	.38 .30 .50 .03	.27 .08	.02	.02	. 33	.02	.01	. 01		.5
MONTGOMERY WE APT MOUNTGOMERY WE CITY MOULTON MUSCLE SHOALE CAA A 6 NEW ERCCETON PAINT ROCK PETERMAN RIVER FALLS 2 NE									*	٠	* .10	.91	.13	.16 .74	*	* .28 .10	* .14 * .03 .47	* .32 * .03 .23	* .42 * .02 .02	1,05	.13	.23	.33	, 05		1.2
THORSHY 1 SW TONEY TRAFFORD TROY TUSCALOOSA CAA APT 6 UNIVERSITY VERNON									*	٠	*	* 1.06	.46	. 48	.11 .46 * .35 .15	.45 .11 .30 *	. 25	. 07	.01	.63 .74	.10	.46	.01			1.1
ABBEVILLE ASHLAND BKXAR 2 SE DOTHAN CAA AIRPORT FORT PAYNE GRERWILLE NO 2 MOULTOR PLEASANT HILL	.01	Į.		.01	.01	_	. 02		.02	.01	. 02	-	-28	th-											.03	.00
EUTAW LOCK NO 7	*	*		*	*		*	1.10			1	100	-29	th-					1							1.1
BIRMINGHAM WB APT GUNTERSVILLE REC									. 01			-	-30	th-		1					. 01	. 01	. 01			.0
ADDISON BELGREN BELGREN BEKAR 2 SE CAMPBKLI DADEVILLE NO 2 FORT PAYNE GARDEN CITY GREENVILLE NO 2 BALETVILLE BUNTSVILLE 6 BUNSCLE SHOALS CAA A 6 FAINT ROCK					9					.02	,01	. 02	-31 .01	st-		.01			.01	.02	.01	.02	.01	.01	.02 .03 .01 .04 .01	.00
FRORSBY I SW FONEY FRAFFORD FERNON	4																.03				. 02	.02	.01	.02		. 05

Table 5																																AMC D	1830
Station		1	2	3	4	5	6	7	8	9	10	11	12	13		Day o	of mo		18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
ALBERTVILLE 1 8	MAK	59 · 38	49	37	46.	51	56	57'	66	39 26	47	61 44	61	64	51 27	59 28	53	65 33	65 39	71	63	63	59	61	75	78	78	74	71	62	51		59.3
ALEXANDER CTY 6 NE	MAX	70 45	50	48	45	58 38	55 39	70 51	68 43	53 25	64 24	73 36	78 59	76 41	60	64	62 49	66 34	74	43 70 36	70 52	40 63 43	40 62 46	30 68 27	44 79 41	51 80 57	48 80 60	62 80 57	74	42 71 50	30 56	62	37.9
ANDALUSIA	MAX MIN	76 56	62 36		47	45	51 42	60 49	78 51		58 36	65 43	78 52	80 65	75 32	60	62 49	70 41	71 43	72 44	73 56	76 52	58	65 38	71 48	80 60	84 62	81 64	81 53	79 52	35 72 35	25 55 32	40.2 67.6 45.9
ANNISTON CAA AIRPORT	MAX	61 36	41 30	45	42	38	59 42	69 50	60	49	63 27	72 45	75 60	69 36	56 31	63	57 46	63 39	73	66 43	64 45	66 40	58	65 30	77	77	79 56	78 49	73 45	64	49	62 26	62.4
ATMORE STATE FARM	MAX	78 56	59 36	51	46	53 42	57 48	76 51	73 50	58	68 35	76	78 62	75 47	61 32	63	68 51	67 40	74 45	74 45	73 55	72 48	65 51	73 36	77 51	83 56	83 66	80 56	77 53	80 51	71 33	66	69.5
AUBURN	MAX	72 44	52 31	46	46 32	41	51 36	54 43	69 48	53	53 29	63	71 52	77 52	70 29	60	62 45	61 36	62 39			69	60	61 28	66	76 50	78 53	80 59	80 48	73	66	50 26	63.3
BAY MINETTE	MAX	67 49	50 34	47	46	53	57 48	74 48	69	60	68	74 44	79 62	71 46	66 32	66 42	70 52	68	74 44	73 45	75 45	63 52	67 50	73	78 48	82 56	81 65	80 58	78 52	74	65		68.2 45.0
BELLE MINA 2 N	MAX	61 39	50 25	46 28	45 34	60 38	61 38	68 44	60	46 26	63 26	62 45	63 51	63 34	56 30	60 28	58 46	63 34	62	63	63	67	66	66 27	76 43	77 50	82 60	82 53	71 56	71 39	50	60 28	62.6 38.1
BIRMINGHAM WB APT	MAX	63 39	42 29	46 32	43 38	59 38	56 43	71 51	61 34	50 29	64 29	75 48	78 60	61 34	57 29	63 35	54 44	65 35	74 39	69 45	62 40		57 34	67 30	79 56		82 63	76 53	73 48	64	52		63.6 40.2
BIRMINGHAM WB CITY	MAX	68 41	49 29	45 32	44	63 38	55 45	73 51	68 34	55 29	68 32	76 48	78 62	70 37	60 29	65 39	55 47	66 34	76 44	70 50	65 43	68	64	70 34	80 55	82 60	81 63	78 54	74 51	69	55 31	62	68.4 42.2
BREWTON 3 SSE	MAX	73 49	58 31	51 36	46 38	52 43	61 48	78 50	70 51	60 28	68 26	75 36	79 57	75 49	62 28	65 36	71 50	68 36	73 41	76 37	75 49	72	68 52	74 30	81	84	82 62	80	78 50	75 46	70 36	67 35	69.9 42.9
CAMDEN	MAX	71 46	52 34	48 33	42 37	52 40	55 45	74 50	69 47	57 30	67 31	77 39	80 61	73 39	59 32	59 38	65 48	68 38	77 41	73 40	70 50	66	64 45	73 34	81 50		83 64		78 50	76 49	59 34	69	67.7 43.0
CAMP HILL 2 NW	MAX	56 44	50 32	48 29	45 40	52 40	57 47	70 50	52 42	54 27	63 28	70 43	76 52	72 48	60 29	62 34	61 48	63			69 52	60	62	67 28	76 42		80 58	78	76 46	66 47	53 35	63	63.9 41.0
CENTREVILLE	MAX	60 48	57 34	50 36	46 42	60 42			59 48	58 28	66 38		80 66	72 35	55 33	60 40	60 51						64	76 32			82 66		76 49		58 36	66 32	66.0 45.0
CHATOM	MAN MIN	70 48	55 32	48 31	44 37	50 42	54 46	77 46	68 48	60 26	68 27	78 34	80 61	75 42	63 31	60 36	68 48	69 32	77 35	74 38	70 48	70 47	67 45	75 30	79 52	83 58	83 65	88 56	80 50	75 49	64 31	67 28	69.0 41.9
CITRONELLE	MAK	66 50	53 37	48 36	46 38	50 43	55 49	75 50	67 50	59 35	67 37	76 45	79 63	73 44	61 33	58 44	69 50	67 40	75 43	74 50	71 49	66 49	65 49	74 41	79 52	83 60	82 67	77 59	80 53	72 49	63 35	65 40	67.6 46.5
CLANTON	MAX	74 42	57 32	45 32	48 33	41 38	57 40	54 45	71 45	52 27	52 29	63 30	75 43	78 59	60 30	56 31	61 39	61 35	64 36	73 43	69 44	65 40	62 42	62 33	69 35	80 55	82 63	82 63	78 49	74 47	68 33	52 29	64.0 40.1
CORDOVA	MAX MIN	69 43	59 29	56 32	48 34	63 40	63 40	73 50	70 43	56 25	63 24	76 40	77 55	71 38	56 30	65 32	65 40	67 30	76 36	76 43	70 42	70 43	69 40	68 27	80 47	80 48	81 60	81 58	75 50	72 34	58 31	64 27	68.3 39.1
DAYTON	MAX	74 47	62 35	56 35	53 42	52 47	56 38	74 51	70 45	60 39	65 34	79 44	82 61	75 40	70 29	65 40	64 49	66 36	75 43	75 46	68 49	68 41	67 46	71 37	81 55	81 60	85 65	82 57	80 51	78 46	57 31	70 32	69.7 44.2
DECATUR	MAX	60 40	40 22	46 29	45 37	60 40	57 42	71 50	65 34	47 29	63 31	59 49	66 51	58 34	50 30	61 33	57 47	64 34	65 42	67 45	61 42	68 39	63 39	61 32	76 54	78 53	81 63	79 55	73 49	66 40	50 32	61 32	61.9 40.3
DOTHAN CAA AIRPORT	MAX	65 43	52 33	48 35	45 38	51 44	60 47	75 54	65 38	58 33	64 33	76 44	83 56	75 39	59 32	65 40	72 49	65 41	68 45	73 39	80 54	58 52	66 46	70 38	80 48	82 61	82 62	82 60	79 56	73 43	53 37	62 33	67.3 44.3
EUFAULA	MAX	71 52	60 34	51 33	52 37	50 39	57 46	78 53	72 51	52 30	62 28	71 40	82 53	78 55	58 31	58 34	62 51	63 41	75 43	70 36	72 57	71 49	61 49	67 38	75 47	78 60	79 62	83 60	80 54	74 55	66 38	62 29	67.4 44.7
EVERGREEN CAA APT	MAX MIN	67 39	54 34	47 36	45 38	53 41	59 47	77 52	66 34	59 29	67 29	77 36	80 64	74 37	64 32	59 37	68 47	68 39	74 41	73 30	74 50	62 42	66 37	73 31	78 48	82 57	81 65	80 54	79 49	73 40	57 33	65 28	67.8 41.2
FAIRHOPE.	MAX	65 48	56 31	42 34	46 35	54 39	61 43	71 40	68 45	61 29	71 31	75 40	78 57	68 32	64 26	64 38	72 42	65 33	73 49	74 42	73 47	64 48	68 38	72 32	78 42	80 54	79 61	78 53	7 8 53	74 47	56 36	64 35	67.5 41.3
PAYE ITE	MAX	67 41	54 28	45 31	47 33	45 38	63 41	56 44	70 37	48 26	53 26	64 38	75 51	77 42	53 27	56 31	63 41	54 30	67 37	76 41	71 38	58 34	70 39	67 29	70 47		81 61	83 67	72 46	74 39	63 28	54 27	63.7 38.5
FORT MORGAN	MAX MIN		55 46	52 39		54 42	58 50	66 47	63 45	60 44	65 47	71 59	74 62	69 45	56 38	62 50		61 48	62 53	72 54	67 57		68 55	69 44	74 56	77 63	76 66	77 62	74 64	74 60	63 43	60 43	65.7 51.2
PRISCO CITY	MAX MIN	77	63 35	54 35	45 36	45 39	53 42	56 47	75 49	57 31	58 36	66 40	75 53	78 54	71 31	61 35		67 38	66 43	74 44	74 52	73 46	62 49	65 36	73 51		81 64	82 66	79 50	78 48	72 34		66.9 44.1
GADSDEN		61 38			47 30																67 46								76 45		62 32		61.7 37.7
GENEVA	MAX MIN	78 37	66 32	55 36	49 37	49 42	52 45	65 49	81 50		60 30		76 53	85 65		66 35	65 42	75 39	68 41	75 39	76 50	83 51		70 34			88 62		83 54		77 37		70.8 43.3
GOO.DWATER	MAX	73 41			46 31			53 45					72 46	76 51	63 29	60 32		60 35	65 38	74 41	69 47	68 41	61 43	60 30	67 37	78 55					65 32		63.5 39.8
GREENSBORO	MAX	70 46	50 34	46 35	45 40	59 43		72 53	64 43	57 29	64 31	77 44	79 59	73 39	63 29	60 38	62 49	66 36	75 41	72 47	64 47	66 40	64 44	72 38	82 54	80 60	83 64	76 57	76 50	70 45	57 31	61 32	66 5 43.2
GREENVILLE	MAX		58 36	48 35	44 38	52 39	57 45	74 52	55 48	56 31	65 39		81 60	73 45			67 47				74 55			70 36		80 58		82 64		74 51			67.5 44.5
HALEYVILLE	MAX HIN				44 34		59 43	68 48	63 32	48 25	62 30	62 45	68 52	58 32	53 25	62 35	57 43	62 30	72 47	69 46	63 36	69 36		65 32		77 53				66 41			62.0 39.4
BIGRLAN: HOME	MAX	71 46	52 33	47 33	41 37	50 39	57 44	75 52	72 46	59 29	66 35	76 44	80 59	73 47	59 35	61 43	65 49	66 38	72 41	73 44	74 53	65 42	64 49	71 35	79 48	81 59	82 61	80 62	78 49	74 50	66 33		67.5 44.2
HUNTSVILLE		60 35	38 25	45 29		72 36	59 39	68 51	55 28			61 47	66 55	59 31		60 29				41		36	31	28		49	62	51	74 47	35	30	28	60.4 37.7
LA FAYETTE	MAX	68 45	48 30	48 29		51 36	54 38	72 49	60 44	53 27	62 28	74 38	79 56	74 44	60 28	64 33	63 48	65 36	74 43	69 40	50	41	47	32	49	55	58	58	47	48	32	30	64.9 41.1
LINCOLN	MAX	60 42	45 29	46 27	44 36	62 37	59 41	76 50	62 40	52 26	66 24	70 36	78 40	70 38	58 23		65 39	65 34	75 36	65 36	69 40	42	44	66 28	42	50		34		35	32	28	65.3 36.7
LIVINGS CON	MAX	46	50 33		39		54 46	73 51		29	64 30	41	80 63	77 39	30	37	49	34	40	46		38	45		55	61	66	63	52	44	31	31	66.9 43.2
LOCKHARI		78 57	62 35	52 36		46 42			78 51				76 59	79 68	75 32	60 40	63 51	71 40	65 42	70 43	75 57	76 52	59 52	66 36	72 44	78 61	83 64	79 64	60 52	79 54	75 35	56 32	67.5 46.3

See reference notes following Station Index.

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Table 5-Continued	~	_							_								of mo	ES													M		ABAMA 1950
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
MADISON	MA:					44 38		58 46	69 41	42 26	45 27	63 33			48	53 29		56 36	64 37	65 45	65 43	57 39	68 39	45 32	63 33	76 55		81 62	71 49	73 43	57 31	49	59.1
MARION JUNCTION 2 N	MA:			49	44 39	57 42	55 46	73 52	64 43	55 27	63 28	79 39	81 60	75 40	61	59 39	63 49	67 36	75 40	72	62 49	65 38	61 45	70 35	80 52	84		80 55	76 49	68 45	55 30	63 30	66.1
MAXWELL FIELD	MA:			47	43	55 43	55 46	75 52	62 39	56 32	64 34	77 45	80 60	72 38	5 9 33.	63 41	65 50	65 41	74 45	73 46	6 9 51	64 47	63 46	69	79 55.	81 63	85	83 56	78 53	70	56 37	62 33	66.4
MOBILE WB AIRPORT	MAI				47 41	53 43	57 48	68 45	68 38	60 35	67	73 45	76	70 38	61 33	64	70 48	66 40	72 44	72 50	72 52	64 52	66	72 39	77	79 59	78 67	76 59	77 54	73	60	63 38	66.6
MOBILE WB CITY	MA:			45 37		53 44	57 50	64 51	69	59 37	68	70	71	72 40	61 36	65 48	72 49	67	67 49	71 54	73 54	64 56	67 53	68 45	74 53		74	75 63	79 57	74	60	63	66.1
MONTGOMERY WB APT	MAI			46	43	54 41	54	75 51	62	55 31	64	76 40	81 58	72 36	60	60 36	64	37	72 43	72 40	69 48	63 43	64 40	70 38	79	81	83	83	77	70	37 55	37 61	48.2
MONTGOMERY WB CITY	MAX	K 64	48	46 35	42	54 41		75 51	63	55 33	63 35	76 46	81 60	71 38	59 33	61	63	64	72	71	69	62	63	70	53	58 81	83	55 81	50 76	40 69	36 54	30 60	42.3
MUSCLE SHOALS CAA A	MAX	51	40	47 28		65		71 52	66	52 28	66 32	59 52	66	59 31	55	62	51	63	64	67	54	70	46 52	65	53 75	62 73	79	56 72	53 72	42 54	36 50	37 60	44.8 61.0
ONEONTA	MAN	64	53	41 26	46	40	55	60	71 40	45	50 25	64 28	56 75 48	69 57	58	32 55 29	60	34 54	65	64	74	62	35 68	29 54	55 67	54 80		53 80	50 74	35 73	62	33 50	39.8
OZARK	MAX	71	59	50 35	44 38	49	60	75 53	73	57	67	75 43	81	78	60	64	34 69	33 66	69	73	79	37 75	64	70	80	50 83	56 82	62 80	45 78	75	30 68	63	36. 9
PRATTVILLE	MAX	72	50	47	45	57	55	74	62	53	64	76	56 82	73	60	61	63	40 65	73	41 72	58 67	48 63	63	38 70	80	62 82	63 83	59 82,	53 77	53 69	35 55	34 61	45. 6 66. 3
PUSHMATAHA	34.A.X	. 7 5	60	35 49	40	42	54	52 59	46 75	28	31 58	40 65	55 66	45 80	32 59	35, 59	50 60	39 61	39 68	76	53 71	43 66	40 65	32 65	45 75	57 81	60 82	57 83	49 76	45 79	69	30 63	42. 6
ROBERTSDALE 7 E	MAX	68	59	36 51	36 58	36 54	63	73	69	61	28 68	35 73	53 76	55 71	31 62	36 61	73	33 68	71	72	46 74	36 65	45 j	73	71	50 80	66 77	69 78	54 78	45 74	30 69	30 65	41.6 68.5
ROCK MILLS	MAX	69	53	37 49	38 45	58	48 58	46 69	52 61	33 55	34 65	72	62 78	53 68	32 61	43 65	52 63	41 66	75	45 72	56 64	53 60	53 61	37 67	77	57 77	65 82	62 80	53 76	51 72	62	31 64	46.4 68.1
SAINT BERNARD	MAX	60	50	28 38	35 46	36	37 58	50	45 69	25 43	25 45	32 62	58 69	45 68	30 54	29 52	48 61	33 53	62	37 72	45 67	41 60	43 67	28 51	66	78	54 76	60 80	43 72	48 71	34 59	25	39. 2 59.9
SAND MIN STA FRM AP	MAX	56	44	26 43	43	32 56	38 56	62	62	28 45	26 61	28 60	47 68	52 63	30 52	29 59	35 55	33 60	34 64	37 69	45 58	35 62	35 60	28 59	75	54 75	55 74	63 76	46 69	39 62	29 45	29 57	36, 8
SCOTTSBORO	MIN			26 46	33	35 61	39	64	53	25 48	63	39 64	40 62	33 61	52	33 62	451	35 62	35 72	36 64	40 60	45 66	40 60	29 62	74	50 79	51 78	52 72	46 72	43	29	26 60	36.8
SELMA	MAX	39 74	25 55	28 55	30 45	40 59	37 57	50 75	33 72	25 58	26 67	47 78	50 83	35 77	29 61	30 61	45 65	39 67	36 76	43 75	42 69	36 66	40 65	28 70	81	43 82	57 84	54 83	43 78	36 75	31 57	26	37.6 68.8
SPRING HILL	MAX	48 78		36 57	40	42	53	52	72	31 69	32 63	42 71	62 74	42 74	32 71	38 63	50 65	40	41 70	45 72	53 73	41	48		53	62 79	65 ₁	59	52 ¹	50 -	73	32	44.8
TALLADEGA	MIN	67	37 48	36	37	43	56	72	66	34	38	45 73	59 79	67 70	32	38	51	40	45 73	49 69	52 65	66	50		79	60 79	63	77	56 72	52	36	36 63	45.6
THOMASVILLE	MIN	42	30	29	38	37	41	51	41	26	25	46	62 79	39	31	31	46	32	35	42	49 70	40	46		41	54	60	78	45	47		24	40.1
TROY	MIN	46	34	34	37	41	45	50	44	33	35	47 64	62	39	32	42	50	38	41	49	50	44	45	37	54	62	65	56	50	43	32	35	44.3
	MIN	51	35	34	35	39	40	40	75 50	55 32	34	44	54	60	73 30	35		39	65 44	71 42		44	47	40	49	79 57	82 62	82 60	80 53	52		53 33	65.9 44.2
TUSCALOOSA CAA APT	MAX	68	47	46	44	60	55	73	64	56	67	77	81 63	70	60	65	58		76	73	62	72	61			82	84	76	75	66	56	64	66.4

EVAPORATION AND WIND

65 | 65 50 | 39

> 72 70 72 62 62 73 42 43 56 46 52 35

83 82 63 51

TUSKEGEE

UNION SPRINGS

UNIVERSITY

VALLEY HEAD
WETUMPKA

48 | 47 33 | 38

50 33

MAX 65 65 MIN 47 36 52 57 74 72 55 64 73 80 39 43 51 47 29 34 45 58

> 72 | 64 | 54 | 65 | 76 | 78 43 | 35 | 29 | 30 | 45 | 63

45 55 56 74 67 57 63 74 81 70 63 62 64 64 41 42 43 52 44 31 31 42 60 45 33 37 51 39

Table 6		,																																
G. 11																1	Day o	f mor	nth															
Station		1	2	3	4	5	c	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total	
AUBURN	EVAP	.22 176	.24	. 16 83	.12	.01 73	.06 21	.07 24	.21 61	. 23	. 18 57	. 24	.18	,08 150	.30 110	.12	.08	.19	.21	.08	. 23 89	. 09	.03	.28	.22	.27 78	.10	.24	.39	.25	.40 164	.20	5.68 2,245	
FAIRHOPE	EVAP				30	.03	- 9	.20	.26 83	.14	.13	.08	.06	.09	.12	.04	.20 66	.14	.09	.12	.13	.09	. 20 56	.16	.13	.16	.13 26	.16	.15 45	.24	. 23	12	B4.34 1,020	

STATION INDEX

									ALAHAMA MARCH 1950
Station	O County	Drainage t Latitude Longitude	Observation time Observer	Refer to tables	Station	ON Keppul	Drainage; Latitude Longitude	Time Observer	Reter to tables
ADT (1113) A N () () () () () () () () () (U.10 F.C.CA 0140 MARSHALL 0163 TALLAPOOSA 0178 PICKENS 0252 COVINGTON	4 31 34 85 15 2 34 13 87 10 2 34 25 87 19 1 32 14 87 25 12 34 16 86 13 11 32 59 85 52 13 33 08 88 10 6 31 19 86 30 7 33 35 85 61 2 34 04 87 13	Name	2 3 5 2 3 5 2 3 4 5	LOCK NO 17 MADISON MACELLA MACKOLIA MARION 1 MILE SET MARION 1, MILE SET MARION JUNCTION MARY NO MARY DAM MARYELL FIELD MELVIN DAM MELVIN DAM	4855 TUSC4LOOSA 4976 MADISON 4996 JEFFERSON 5004 MARRINGO 5108 PERRY 5116 DALLAS 5121 DALLAS 5121 DALLAS 5202 MONTGOMERY 5354 CHOCTAW	3 33 30 86 51 1 32 08 87 39 3 32 37 87 18 3 32 26 87 14 3 32 28 87 13 11 32 40 85 55	280 7 7A U. S. EWGINERAS 573 7A 7A ROBERT E. TRUE 634 8A ALEBRAM POERF CO. MID DR. T. H. GATLLARD 283 8A Q. ENTON SOLITELE 284 9F 9F ALA. POLY INST. 360 6A ALEBRAM POERF CO. 185 MID MID U.S. ARBY ALE FORCES 7A JOHN R. LAND	3 2 3 5 3 4 3 4 3 4 3 5 3 3 5 3 3 5 3 5 3 5
C y 1 (S) A y 1 (S) A y 1 (S) C y 1 (S) A y 1 (S) A y 1 (S) A y 1 (S) A y 2 (S) A y 3 (S) A y 4 (S) A y 4 (S) A y 4 (S)	0369 CLAY 0377 ST. CLAIR	11 33 16 85 50 7 33 50 86 16 12 34 48 88 59 8 31 10 87 29 11 32 36 85 30 11 32 36 85 30 12 34 43 87 52 9 30 53 87 47 1 31 44 87 13	7A NORMAN R. PRICEETT 709 709 4P 4P ATMORE STATE FARM 1 732 8A 8A MRS. MARTHA I.MODR	E 23 56	MERTZ 3 MILES E MIDDAT MILLERS FERRY MILSTEAD MITCHELL DAM MOBILE WE AIRPORT MOBILE WE AIRPORT MONTE SANO MONTEVALLO MONTGOMERY WE AIRPORT	S382 BIBB S397 BULLOCK 5417 WILCOX 5439 MACON 5465 CHILTON 5478 MOBILE 5483 MOBILE 5529 MADISON 5337 SIELDY 5550 MONTGOMERY	4 32 04 85 32 1 32 06 87 22 11 32 27 85 54 7 32 48 86 27 9 30 41 88 12 9 30 42 88 02 12 34 45 86 31	800 8.4 USP8 110 MATHET W. HALL 78 8.5 A. T. C. CARR 206 8.4 T. C. CARR 350 6.4 ALAGAMA POWER CO. 12 MID MID 0.5. WEATHER BUMEAU 10 MID MID 0.5. WEATHER BUMEAU 10 MID MID 0.5. USATHER BUMEAU 10 MID MID 0.5. USATHER BUMEAU 10 MID MID 0.5. USATHER BUMEAU 10 MID MID 0.5. VEATHER BUMEAU 11 MID MID U.S. VEATHER BUMEAU 12 MID MID U.S. VEATHER BUMEAU	3
MINA 2 M MINA 2	0655 LIMESTONE 0748 FAYETTE 0790 MARION 0823 AUTAUGA 0831 JEPPLASON 0836 JEFFERSON 0854 COLBERT	12 34 28 87 52 12 34 42 86 54 2 33 40 87 36 13 34 12 88 09 1 32 40 86 43 2 33 32 86 50 12 34 39 88 05 2 34 39 88 05 2 34 35 86 16	600 9A	3 4 3 U 2 3 4 5 N 2 3 5	MONTGOMERY WE CITY MOULTON MUSCLE SHOALS CAA AP MEN BROCETON METHRUMG METHR	5555 MONTGOMERY 5625 LAWRENCE 5749 COLBERT 15842 COFFEE 5847 FRANKLIN 5862 MADISON 5875 DALE 6121 BLOUNT 6161 DALLAS 6218 DALE	12 34 29 87 17 12 34 44 87 36 5 31 23 85 56 12 34 54 86 26	201 MID MID U.S. WHATERR DEREAGE 30 DID TWA-361. 540 MID WID CAA MED K. EARL BOYETT 572 74 TWA-654 216 11A FURN WITHIN 200 8A EURAND S. WARREN 40 SP 74 MES, MARK E., SCOTT	2 3 4 5 3 4 2 3 5 3 4 3 5 3 5 2 3 5 2 3 5
1 7 8	1324 TALLAPOOSA	6 31 04 87 03 12 34 56 85 44 5 31 43 85 49 7 33 06 86 45 1 32 00 87 20 13 31 58 87 59 11 32 50 85 39 2 33 54 87 32 12 34 23 86 38 3 32 57 87 08	660	23 5	PAINT ROCK PAIMERDALE PENNINGFON LOCK 2 PERRYY ILLE PETERRAN PICKENSVILLE PIME HILL PIME LEVEL PLANTERSVILLE PLEASANT GROVE SCHOOL	6226 JACKSON 6246 JEFFERSON 6335 CHACTAW 6362 PERRY 6370 MONROE 6414 PICKEMG 640 WILCOX 6468 MONTGOMERY 6508 DALLAS 6521 JACKSON	3 33 44 86 39 13 32 08 88 02 3 32 37 87 08 1 31 35 87 16 13 33 13 88 16	610 MID TYA-69 8A BEGERT P. STORES 20 7A U. S. RNGINKERS 8A MRS. GERTRUDE GREEN MID MRS. MINTA RUDINS 7A MRS. DORRA I. CLAY 7A C. W. ADABLE 7A O. H. BARKES 7A O. H. BARKES 7A TYA-695	3 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
	1586 WASBINGTON 1815 TALLADEGA 1685 MOBILE 1684 CHILTON 1725 BARBOUR 1807 GENEVA 1849 DE KALB 1865 HOUSTON 1940 WALKER 2079 SUMTER	13 31 28 88 15 7 33 17 86 21 9 31 05 88 14 7 32 51 86 38 3 31 53 85 27 5 31 10 85 55 7 34 15 85 52 5 31 18 85 06 2 33 46 87 11 13 32 26 88 23	331 6P 6P B. O JONES 580 7 A HUGH M. SIMPSON 7 590 6A EDWAND E. POPE 2734 7 AMS. S. CUNNINGHAM 334 5P 8A MMS. C. GRESHAM 215 7A REUBEN P. HARRIS	2 3 5 3 5 2 3 5 2 3 5 3 5 3 1 3 3 1 3 3 5 1 3 5	PLEASANT HILL PRATIVILLE PRIMOSE FARM PUSIGNATAHA RED DAY REFORM RIVER FALLS REVER FALLS REVER FALLS REVER PALLS ROCKETSALE 7 MILES E ROCK WILLS	6526 DALLAS 6640 AUTAUGA 6684 MONTCOMERY 6719 CHOCTAW 6805 FRANKLIN 6807 PICKENS 6937 COYINGTON 6942 COYINGTON 6948 BALDWIN 7025 RANDOLPH	1 32 20 86 15 13 32 12 88 21 12 34 27 88 09 13 33 23 88 01 6 31 21 86 32 6 31 23 86 33 9 30 33 87 36 4 33 09 85 18	MID MRS. EVELLYN MORBIS 24 69 69 COVITHENTAL GIN CO. 100 MOON W. F. ELSSERRY 8A 8A MASS. JANIE C. BROWN 7A TVA-493 7A VILLIAN T. ANDROSE 7A JOEN M. BRADLEY MID ALBRAM ELECTRIC CO. 150 69 69 CARL BOSECK 74 98 69 AJAMES B. BAILEY	3 4 2 3 5 3 3 3 3 3 4 2 3 3 5 2 3 5
ILLE WO 2	2119 TALLAPOOSA 2124 TALLAPOOSA 2141 PICKENS 2149 MORGAN 2188 MARENGO 2207 MORGAN 2216 MORGAN 2211 MORGAN 2211 MARENGO 2372 HOUSTON	11 32 50 85 43 11 32 50 85 46 13 33 01 88 17 12 34 25 87 04 13 32 21, 87 39 12 34 37 86 58 12 34 37 86 59 12 34 36 86 58 13 32 31 87 51 5 31 15 85 27	7 207 7P E. F. SMITH 5 595 7A TVA-503 5 5P 5P JAMES M. CREWS 5 573 5P 8A MRS. FREDA TRIMBLE 9 600 6A TVA.638	3 4 3 4 3 3 4 3 5 3 5 3 3 4 5 5 3 4 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	SAINT BERMARD SAVO WTW. STATE FARM AS SAVER. SCOTTSBORD SUBSTATION SEALE 7 MILES WIND SELMA SHEFFIELD TVA WRSY SHOEMAKER SPRINGS SLOCOMB	7282 JEFFERSON	2 35 43 86 58 12 34 41 86 02 12 34 41 86 01 4 32 18 85 17 1 32 25 87 00 12 34 46 87 42	802 7A 7A FR. FREDERICK SMITH 195 5P 5P ALA. POLY.INSTITUTE 304 7A DORA R. WEDSTER 606 6P 6P MSS. KINZIE BOBO 606 7A TWA-76A 358 8A B. G. BUSH 147 6P 7A JOHN O. RHODES 505 7A TWA-69 610 7A TWA-682 610 7A TWA-682	2 3 5 2 3 5 3 2 3 5 3 3 5 3 3 5 3 3 5 3 3 5 3 3 5 3 3 5 3 3 5 3 3 5 3 3 5 3 3 5 3 5 3 5 3 5 3 5 5 3 5 5 3 5
7	2577 COFFEE 2632 TUSCALOGSA 2727 BARBOUR 2742 GREENE 2758 CONECUH 2613 BALDWIN 2832 COVINGTON 2840 MORGAN 2848 WINSTON	10 31 25 86 04 13 33 15 87 48 4.31 53 85 08 2 32 47 87 50 6 31 26 86 38 6 31 25 87 02 9 30 32 87 55 9 31 06 86 33 12 34 22 86 55 2 34 04 87 20	7 A K. V. BERRY 3 254 SP 8A MARRY E. MAUGANS 7 A E. B. HOLBROOK 3 340 8A 8A MRS.JRSSIE D.GOLSO 2 257 MID MID CAA 5 23 MID 5P HAROLD F, YATES 8A U.S. FOREST SERVICE	2 3 4 5	SNOW HILL SOUTH HILL SOUTH HILL SPRING HILL SUTTLE SWAIM SYLVANIA SYLVANIA TALLADEGA HORN MIN, TWE THOMASVILLE	7620 WILCOX 7671 DE KALB 7733 WOBILE 7963 PERRY 7968 JACKSON 7994 TALLADEGA 8012 DE KALB 8024 TALLADEGA 8178 CLARKE	12 34 24 86 02 9 30 42 88 10 3 32 32 87 11 12 34 53 86 13 7 33 10 86 13 12 34 34 85 49 1 7 33 26 86 06 7 33 18 86 04	225 7A MMS. EVA R. RAY 780 7A TVA-75 74 9A 9A HAMLIN H. TIPPINS 74 J. F. SOTTLE, JR. 660 348 8A ALASAMA POWER CO. 400 7A TVA-386 400 67 C. D. WEAVER 919 6P USFS 919 6P USFS 95 99 8 MUS. MINNIE DEATON	3 5 3 5 3 3 2 3 5 3 5 2 3 5
AT LOCK	2867 MADISON 2883 FAYETTE 2945 JACKSON 2976 LAUDERDALE 3024 LOWNDES 3035 BALDWIN 3043 DE KALB 3105 MORROE 3151 ETOWAH 3160 SUKTER	12 34 36 86 34 13 33 41 87 50 12 34 46 85 41 12 34 47 87 40 6 31 59 86 35 9 30 14 88 01 7 34 26 85 43 8 31 26 87 24 7 34 01 86 00 13 32 49 88 09	0 359 8A 8A LOIS Y.EILLINGSWOR 1 1380 7A TVA-387 10 450 7A U. S. ENGINEERS 5 520 7A WES, ISABEL C.HUGHE 1 9P 9P WH. H. CHANDLER 1 8A 90W W. PATE 8A 8A MRS, NELIA MCKENZI 5 554 8A 8A G. ERNEST BOLCOMB	' 3 4	THORSBY 1 MILE SV THURLOW DAM TIBBLE 2 MILES S TOKEY TRAFFORD TROY TUSCALOOSA CAA AP TUSCALOOSA CAC AP TUSCALOOSA LOCK & DAM TUSKACEE UNION SPRINGS	8204 CHILTON 8215 ELMGRE 8223 WASHINGTON 8259 MADISON 8285 JEFFERSON 8323 PEKE 8380 TUSCALOOSA 8385 TUSCALOOSA 8398 MACON 8438 BULLOCK	13 31 20 88 15 12 34 54 86 44 2 33 49 86 44	288 6A ALADAMA POWER CO. 226 8A HATTIE T. GIVENS 750 MID TWA-506 78 MINS. M. JOHNSON 590 8A 8A THOMAS J. DILLARD 170 MID MID CAA 122 7A U. S. ENGIREERS 459 8A 8A PROY. M. L. LARTIER 459 6F 7A MISS. SOBELE GUTHRIE	3 4 3 3 4 3 4 5 2 3 4 5 2 3 4 5 2 3 5 2 3 5
CAL TO CONTROL OF THE CALL THE	3200 CULLMAN 3255 GENEVA 3399 COOSA 3430 WALKER 3519 BUTLER 3519 BUTLER 3524 BUTLER 3529 BALDWIN 3578 MARSHALL 3583 MARSHALL	2 34 00 86 44 5 31 02 85 52 7 33 04 86 03 2 33 39 87 13 2 32 42 87 36 6 31 50 86 38 6 31 50 86 38 6 31 50 86 38 9 30 16 87 40 12 34 22 86 17 12 34 28 86 24	28 826 7A 7A C. PURVIS CONAWAY 2 300 6A ALABAMA POWER CO. 5 220 6P 8A N. MAMOVER COBBS 3 444 5P 8A CLCILE T. LEWIS 3 MID CLAUDE CONN, JR. 610 MID TLAUDE CONN, JR. 610 MID TLAUDE CONN, JR.	3 4 2 3 5 2 3 5 3 5 2 3 5 2 3 5 3 4 3 4	UNIONTOWN UNIVERSITY VALLEY HEAD VANCE VERNOR WADLEY WALLACE WALNUT GROVE WATERLOO WEST BLOCTON	8446 PERRY 8451 TUSCALOOSA 8469 DE KALB 8477 TUSCALOOSA 8517 LAMAR 8605 RANDOLPH 8637 ESCAMBIA 8648 ETOWAH 8686 LAUDERDALE 8809 BIBB	2 33 12 87 33 7 34 34 85 36 1 3 33 10 87 13 13 33 45 88 07 11 33 08 85 34 6 31 13 87 13 2 34 04 86 19	723 74 MMS. PRANCES MARTIN 225 MID MID OR. F. H. WITCHELL 031 8P 8A MMS. CARRIE DRUEY 7A WM. F. VANCE 180 MID COUSTY AGENTS OFF. 640 6A ALBRAMA POWER CO. 7A RILEY C. PETTIS 850 7A MRS. FLORENCE PARKER 6P J. ELLIE TREET 7A RUPERT N. BEARDEN	3 4 5 2 3 4 5 3 3 5 3 4 3 3 3 3 3 3
	3620 WINSTON 3644 MARION 3697 PERRY 3711 COMMENT 3611 COM	2 34 14 87 38 13 34 08 87 59 3 32 48 87 11 1 32 11 86 35 3 33 18 86 51 6 31 57 86 19 11 33 32 85 24 13 34 20 87 56 12 34 43 86 35 12 34 42 86 35	9 488 7A REX COOPER 600 8 USFS 8 1 416: 8 8 MAXINF S. WATSON 7A ROLFF H. HARRISON 9 594 5P, 5P LUIC JORDAN 8A THOMAS J. HART 6A FRANK L. HAYNES 6 611: 6A TWA-S 6	2 3 4 5 3 3 3 3 2 3 5 3 3 2 3 5 0 2 3 4 5	WETUMPKA WHATLEY WHEELER DAM WHETFIELD LOCK 3 WHISON DAWNLES SW YATES HYDRO PLANT YOUNGS STORE MEW STATIONS	8859 ELMORE 8867 CLARKE 8875 LAWRENCE 8925 CHOCTAW 8980 COLBERT 8998 FATETTE 9103 ELMORE 9350 LAUDERDALE	13 31 39 87 43 12 34 47 87 21 13 32 17 88 01 12 34 48 87 37 13 33 56 87 49 11 32 34 85 54	205 69 6A MUR. D. R. WHITAER 7A LLOYAND L. COLEMAN 7A TWA-52 30 7A U. S. ENGINEERS 300 6A TWA-471 7468 7A V. W. COTNET 3035 6A ALABAMA POWER CO. 7A TWA-621	2 3 5 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
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2-BLACE WARRIOR: 3-CARADA: 4-CHATTAHODOMES: 5-CHOCTANHATCREE: 6-CONECUE: 7-COUSA: 8-ESCAMBIA: 9-GULP; 10-PEA: 11-TALLAPOOSA: 12-TENNESSEE: 13-TOMDIGHEE REFERENCE SITE

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Stations appearing in the index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Veless otherwise indicated, discanding in the used in this bulletin are: Temperatures in 1°F, precipitation and evaporation in inches, and wind novement is miles. Evaporation is seasured in the standard Veather Durant type pan of 4 foot disaster usless otherwise shown by footnote following Table 5.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 4 are from recording gages. Traces are not shown

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

In Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station index for observation time.

No record in Tables 3, 4, 6, and the Station Index. No record in Tables 2 and 5 is indicated by no entry. Then hourly precipitation is missing or accumulated for several days, only the first and inst days are shown in Table 4.

And also on a later date or dat

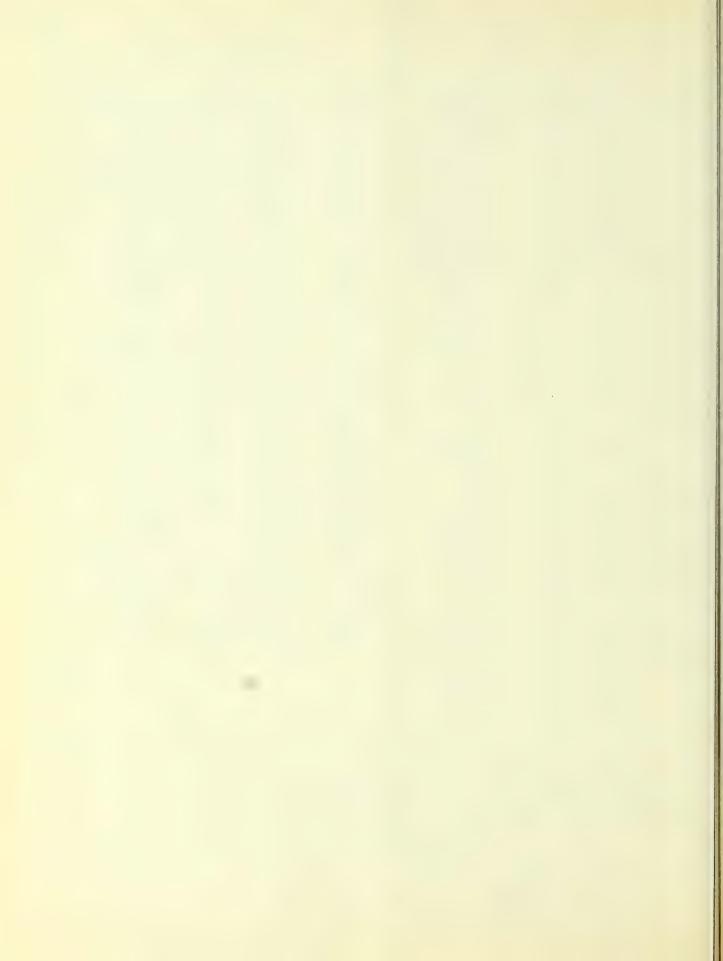
And also on a later date or dat

Precipitation in the several days are shown in Table 4.

Precipitation measured at 6-hourly intervale, no recording gage.

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CLIMATOLOGICAL DATA

ALABAMA

APRIL 1950
Volume LVI No. 4



ALABAMA - APRIL 1950

A. R. Long, Section Director - Montgomery

Weather Summary

Temperature fluctuated considerably this month, and there were some unusually late frosts. The mean temperature was 3.5° lower than normal, so that the spring months of March and April have been a cool follow-up to the exceptionally mild winter this year. Rainfall was light over all the State except in portions of the south where some rather heavy rain fell on the 3rd and 4th to bring the monthly totals up to near normal or slightly above.

Light rain on the 1st was followed by abnormal warmth on the 2nd and 3rd. General rain, light in the north and moderate to heavy in the south and central portions, fell on the 3rd and 4th. Temperatures dropped, and on the morning of the 7th there was frost over most of the State. It was rather warm around the 9th and 10th, there was light rain on the 11th, and temperatures started downward again, bringing frost over much of the north and in scattered spots in the middle counties on the 14th, 15th, and 16th. On the 18th, light to moderate rain occurred. This was followed by another cool wave which brought minimum temperatures as low as 32° or slightly lower in the north on the 21st. Thereafter, temperatures were moderate. There was scattered light rain in the north on the 22nd and scattered light to moderate showers occurred in many sections each day from the 25th to the

Farmers in the north got a late start preparing land for summer crops, due to the soil having continued wet through March. Rapid progress was made during April, however, and as the month ended in that area, cotton planting was 75% complete and corn planting was 25% finished. Over other sections of the State good progress has been made throughout the spring. About 85% of the peanut crop was planted during the month, and a big portion of the Baldwin County Irish potato crop was dug.

Cool weather was unfavorable for the germination of cotton, and much had to be replanted. Pastuers were held back by frosts and drying soil in most sections, and they were not up to normal for the time of year. The frosts did considerable damage to early planted tender truck such as melons, cucumbers, snap beans, and tomatoes, and some damage was done to strawberries. It has since been determined that peaches in the north are practically a failure as a result of the mild winter and the late freezes. There is, however, a fair outlook for the crop in Chilton County.

TORNADOES AND HAILSTORMS

In Mobile County on the 18th, at 1:30 a.m., a tornado moved toward the NNE over a path 100 yards wide by 12 miles long. It first hit in Wragg Swamp, with the path curving slightly and becoming more toward the northeast. It passed within one-half mile of the Spring Hill siesmograph, causing an abrupt vibration which lasted 1 minute and 13 seconds. No one was killed, but 15 persons were hurt. Eleven houses and a lumber warehouse were destroyed, and other buildings damaged, with total loss about \$235,000.

About fifteen minutes later, across the Bay in Baldwin County, in the old Spanish Fort settlement, another windstorm, possibly a tornado, moved toward the NNE along a path 150 yards wide by two miles long. The fallen trees gave the appearance of a straight wind, but the narrow path probably indicated that the damage area was in the right hand side of a large and weak tornado. One house and three other buildings were damaged, but no one was injured. The estimated total damage was \$15,000.

There was hail in many scattered localities over the State on the 27th, but no reports of damage were received. At Milstead, in Macon County, at 4:30 p. m., moderate hail fell, with many stones one inch in diameter and a few up to two inches in diameter. At Orrville, in Dallas County, some stones as large as small eggs caused some light damage to gardens.

FLOODS

The lower Tombigbee from Demopolis southward was in receding flood stages as the month began. There were no subsequent important rises and no other floods occurred in the State.---F.C.P.

CKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the year 1940-42, the Department of Agriculture transferred about \$100.000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to record about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimat Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspectic may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D. C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

SUPPLEMENTAL DATA

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	Wind	direction			h p steeq		Relati		idity ave	rages -		Numi	ber of d	ays with	precip	itation			Casa?	
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MONTGOMERY WB CITY	S†	16†	7.21	30	w	25	75†	841	47†	54†	3	2	4	1	2	0	12	71	4.5	1-11
† AIRPORT DATA																				

Table 1

COMPARATIVE DATA

TUDIO I																	
	1	[emperature	,	Precipi	tation	-		l'emperature		Precipi	tation			Temperature	9	Precip	itation
Year	Average	Highest	Lowest	Åverage	No. of days 01 or more	Year	Average	Highest	Lowest	Åverage	No. of days .01 or more	Year	Average	Highest	Lowest	Average	No. of days .0l or more
1884 1885 1886 1887 1888 1889 1890 1891 1892 1893 1894 1895 1896 1897	62.6 64.4 63.8 64.3 66.3 63.8 64.5 63.8 65.3 67.0 65.4 63.5 63.5	94 92 92 90 89 91 89 92 91 90 98 90 94 91	28 26 25 24 30 32 31 22 29 32 31 30 30 30 29	4.57 3.76 4.58 2.06 2.24 3.20 3.26 2.27 4.30 4.06 3.49 3.76 3.67 4.20	8 7 8 4 5 5 7 5 8 7 7 7 5 8	1909 1910 1911 1912 1913 1914 1915 1916 1917 1918 1919 1920 1921 1922	63.4 61.9 63.9 64.6 62.3 63.8 64.9 62.2 64.0 61.1 62.6 62.3 62.3 66.9	94 91 91 90 92 91 96 93 96 92 92 91 88	29 26 33 31 31 25 22 29 30 25 24 25 27 32	6.67 3.40 7.75 10.00 2.34 3.84 0.57 3.14 3.48 7.60 3.48 9.21 6.53 4.12	8 6 9 11 5 7 2 5 5 10 4 11 6 7	1934 1935 1936 1937 1938 1939 1940 1941 1942 1943 1944 1945 1946 1947	64.6 64.9 62.5 63.4 64.1 62.7 62.4 65.8 64.6 64.2 62.9 66.7 66.0	91 92 93 92 93 89 89 90 97 97 91 92	30 30 28 29 28 28 21 36 25 25 25 23 32 30 32	3.68 5.50 6.82 7.03 9.53 3.57 2.93 1.80 3.72 9.29 7.69 3.02 6.82	8 9 9 9 9 9 9 8 8 8 7 2 6 6 12 9 6 10 10 10 10 10 10 10 10 10 10 10 10 10
1898 1899 1900 1901 1902 1903 1904 1905 1906 1907 1908	58.5 62.0 63.9 57.8 62.0 61.1 60.4 63.9 65.2 58.7 67.3	88 98 91 91 92 89 89 92 96 89 94	25 26 24 26 27 30 28 25 28 24 26	4.44 2:48 8.93 5.31 2.33 2.64 2.15 3.60 1.03 6.44 6.00	7 6 10 6 7 6 10 4 11 8	1923 1924 1925 1926 1927 1928 1929 1930 1931 1932 1933	63.4 63.3 68.2 61.2 68.1 59.8 66.8 65.5 61.5 64.8 62.7	90 96 89 93 89 95 90 90 90	24 22 31 24 29 28 35 29 29 29 31	5,99 5,58 1,51 2,32 2,28 9,86 4,63 1,47 3,42 3,04 6,50	8 4 6 6 10 9 3 6 5	1948 1949 1950 Period	68.0 62.3 59.9 63.4	91 91 90	32 28 24	3.79 5.79 3.63 4.63	7

Table 2				Tempera	hire								Precipitation	273		A	PRIL 1	950
				A Gimp on	1000		No. of	Days					T	, Sleet, H	ail	N	o. of Day	- ys
Station	Average	Departure from Normal	Highest	Date	Lowest	Date	Max. 90° or above	Min. 32° or below	Total	Departure from Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.01 or more	25 or more	100 or more
NORTHERN DIVISION		1						1								-		
ALBERTVILLE 1 S ANNISTON WB AIRPORT BELLE MINA 2 N BIRMINGHAM WB APT BIRMINGHAM WB CITY	58.0M 57.7 58.1M 59.1 61.1	- 2.1 - 2.6 - 2.2	82 85 90 84 85	27 27 24 23+ 23+	27 29 26 27 29	7 7+ 14 7	0 0 1 0 0	4 6 4 4	2.73 1.99 3.37 1.97 2.33	- 1.93 - 2.38 - 2.84 - 2.48	.13 .94 1.00 .68	11 4 28 18 18	0.0 0.0 0.0 0.0			7 6 10 9	3 6 3 2	1 0 1 0 0
CORDOVA DECATUR FAYETTE GADSDEN GOODWATER	59.6M 58.4 57.7 57.0 58.0M	- 2.1 - 3.4 - 4.5 - 4.3	85 82 85 86 85	24+ 23 28 28 24+	25 30 27 25 27	7 14 7 7+ 7	0 0 0 0 0	5 2 7 6 2	2.41 3.50 2.77 2.30 3.07	- 2.43 98 - 2.23 - 2.56 - 1.53	.70 1.02 1.24 .78 1.95	28 28 28 5 5	0.0 .T 0.0 0.0			6 11 10 12 9	4 4 3 2 2	0 1 1 0 1
HALEYVILLE HUNTSVILLE LINCOLN MADISON MUSCLE SHOALS CAA AP	57.0 56.1 58.3 57.5 57.6	- 3.3 - 3.1	82 82 85 85 85 84	23 23+ 27+ 28 27	28 27 26 30 29	7+ 7+ 7 14+ 14	0 0 0 0	4 7 6 5	1.99 2.88 1.78 2.74 4.01	- 1.94 - 2.09 59	.48 1.13 .50 .76 1.93	30 28 3+ 29 28	0.0 0.0 0.0 0.0			9 9 6 11 11	3 4 3 4 3	0 1 0 0 1
ONEONTA ROCK MILLS SAINT BERNARD SAND MIN STA FRM AP SCOTTSBORO	57.1 59.9 56.2 55.7 56.3	- 2.8 - 4.3 - 3.8	85 85 85 80 84	24+ 27+ 28 24+ 27	25 26 26 26 26 25	7 7 7 14 7	0 0 0 0	7 4 6 5 7	2.22 1.42 2.32 2.45 1.41	- 2.80 - 3.08 - 2.52 - 3.40	.45 .55 .38 .94	28 5 23 22 4	0.0 0.0 0.0 0.0 0.0			8 8 12 8 7	5 2 4 4 3	0 0 0
TALLADEGA TUSCALOOSA CAA APT UNIVERSITY VALLEY HEAD	58.3 60.4 60.5 55.1	- 4.4 - 2.9 - 2.8 - 3.7	86 87 85 83	27 28 28 28 26	25 30 31 24	7 7 7+ 15	0 0 0	6 3 2 8	1.06 4.06 4.48 1.89	- 3.56 84 42 - 3.19	.30 1.48 2.05 .96	5 18 18 5	0.0 0.0 0.0 0.0			6 10 12 3	2 5 6 2	0 1 1 0
DIVISION MIDDLE DIVISION	57.9	1		1	1				2.55				Т					
MIDDLE DIVISION ALEXANDER CTY 6 NE AUBURN CAMDEN CAMP HILL 2 NW CENTREVILLE	59.4 57.4 62.3 58.1 61.7M	- 6.7	85 83 85 83 87	28 29 27 28 27	25 29 31 28 30	7 7 7 7	0 0 0	5 3 1 5	2.48 3.20 3.26 4.92 2.00	- 1,27	.73 .95 .76 2.54	5 4 4 5	0.0 0.0 0.0 0.0			9 10 10 9 7	3 5 5 3	0 0 1 0
CLANTON DAYTON EUFAULA GREENSBORO GREENVILLE	58.9 62.8 61.7 61.3 62.6	- 3.9 - 2.8 - 2.8 - 2.7	85 86 85 85 85	29 27 23+ 27 23+	29 32 30 31 35	7 7 7 7 7	0 0 0	3 1 1 2 0	3.38 2.50 3.46 2.83 4.77	- 1.22 95 - 1.84 .03	1.85 .83 1.32 .66 1.33	5 4 5 18	0.0 0.0 0.0 0.0			10 8 7 10 9	2 5 4 6 6	1 0 1 0 2
HIGHLAND HOME LA FAYETTE LIVINGSTON MARION JUNCTION 2 N MAXWELL FIELD	61.4 59.6 60.6 60.8 62.2	- 3.7	85 85 85 86 85	10 24+ 27 27 27 23+	34 30 30 30 30 36	6 7+ 7 7	0 0 0	0 3 3 2 0	9.62 3.84 3.83	5.24	4.60 1.56 .95 1.20 1.30	5 25 4 4	0.0 0.0 0.0 0.0 0.0			7 9 8	6	4
MONTGOMERY WB APT MONTGOMERY WB CITY PRATTYLLE PUSHMATAHA SELMA THOMASVILLE	60.7 61.9 61.0 60.5M 62.9 61.8	- 3.4 - 2.5 - 3.7 - 2.0 - 2.9	85 85 85 85 87 85	27 23+ 23+ 28 27 27	31 37 31 30 32 35	7 6+ 7 7 7 6+	0 0 0 0 0 0	1 0 1 2 1	2.89 4.04 4.10 2.40 2.53 1.80	26 31 - 2.69 - 1.88 - 2.55	.93 1.17 .93 1.14 1.01	18 4 4 5 5	0.0 .T 0.0 0.0 .T			10 9 8 5 11 8	3 4 5 3 3	0 2 0 1 1
TROY TUSKEGEE UNION SPRINGS WETUMPKA	61.0M 60.6 61.7 61.2	- 4.8 - 4.1 - 2.9 - 3.2	84 84 84 84	29 24 28 23+	33 32 32 32 32	7 7 7 7	0 0 0	0 1 1 1	6.10 3.44 6.88 5.02	1.53 51 2.15 .63	2.35 .70 2.70 1.59	5 26 26 5	0.0 0.0 0.0 0.0			6 10 9 10	6 8 6	2 0 2 2
DIVISION SOUTHERN DIVISION	61.0	1							-3,88				Т					
SOUTHERN DIVISION ANDALUSIA ATMORE STATE FARM BAY MINETTE BREWION 3 SSE CHATOM	62.6 63.8 63.2 61.3 61.1	- 3.7 - 3.9	86 85 84 84 86	30 26+ 26+ 26 27	32 34 36 25 28	7 7 7+ 7	0 0 0	1 0 0 3 4	3.51 6.41 8.26 7.04 3.42	3.18 2.60	1 A0 3.15 2.90	4 5 4 3	0.0 0.0 .T 0.0			7 7 9 7	4 4 5 6	1 2 3 0
CITRONELLE DOTHAN CAA AIRPORT EVERGREEN CAA APT FAIRHOPE FORT MORGAN	63.3 62.8 60.2 61.9 64.8	- 3.2 - 5.5 - 4.5	82 86 87 82 79	23+ 26 27 26+ 29	37 33 30 35 45	6+ 7 7 7 6+	0 0 0	0 0 2 0 0	6.32 5.13 5.69 4.59 3.97	.91 .97 1.05 42	2.47 2.84 2.47 1.72 1.75	18 4 4 4 3	0.0 0.0 0.0 0.0 0.0			10 8 8 9 6	5 4 4 4 5	2 1 2 3 1
FRISCO CITY GENEYA HEADLAND LOCKHART MOBILE WB AIRPORT	62.0 62.6 62.7M 62.2 62.5		85 88 85 85 82	28 27 28+ 27+ 26+	34 32 34 33 36	7 7 7 7	0 0 0 0	0 1 0 0	4.25 6.53 4.10 6.21 6.07	72 1.93	1.25 2.21 1.47 3.12 2.55	5 4 5 4	0.0 .T 0.0 0.0			9 10 4 9	3 6 4 4 5	3 3 2 2 2 2
MOBILE WB CITY OZARK ROBERTSDALE 7 E SPRING HILL	63.4 63.2 62.4M 63.1M	- 2.9 - 3.0 - 4.0	83 85 82 82	29 28 26+ 27	38 34 35 35	7 7 7 7	0 0 0	0 0 0	7.63 5.28 5.70 7.81	3.00 1.07 .54 3.05	3.26 1.78 2.07 3.53	4 5 3 5	0.0 0.0 0.0	Т	18	10 7 11 6	5 4 3	3 3 3
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Table 3								W 400											•												APRIL	1950
Station	-	1 2	-3	4	5	6	7	8	9	10	11	12	13	14	1	of m	onth	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
ABBEVILLE ADDISON ADDISON CNTRI JOWER ALBERTA ALBERTVILLE 1 S		14! 19 22 .0	8	.39	.21						.05 .26 .14 .04	.08					.13	.60 .03	.02			.35	.41	.05	.88	.07	.14	.02	.14	.81		4.41 3.58 2.60 3.80
ALEXANDER CTY 6 NB ANDALUSIA ANNISTON WB AIRPORT ARLEY ASHLAND //		13 02 .0 58 18 03 .1		.37 1.40 .94	.62 T						.10	.07						.23 .84 .03 .12	т	T		T .04	.11		.47	. 24		. 13 .30	T .55	.08		2.48 3.51 1.99 3.72
A. BURN	Z :	20 .0 15 02 .0 05 .0	1	1.50 .23 1.05	.86 .17 3.15 .95						.25	.25						.74 .72 .13 .33	. 08				.12		.35	. 72	. 11	. 35	1.00 .15	.04		2.39 2.83 2.70 6.41 3.20 3.73
ACTAUGAVILLE BARTON BAY WINETIE BEATRICE BELGREEN		15 .1: 29	. 02	4.50	.15						.10		. 02				.02	.39 T 2.02 1.05				T . 23	.32	. 20	.19 .33 .06 .78	.39		. 84 2. 00 L. 06	.70 .21 .68	. 26		4.03 4.04 8.26 3.48 3.12
BEYAR 2 SE BILLINGSLEY	R .	13 37 16		.12 .25 .09	1.61						.28	.20					.05	.08 .26 .01 .14	T			.70 .10 .03		.04	.32 .21 .09 .17	.07	1	1.00 2.92 .02 .27	.09	.30 .18 .45 .05		3.37 5.02 1.34 2.91 1.97
BIRMINGHAM WB CITY BISHOP BOAZ CRAYTLY BREWTON 3 SSE	z	13 20 05 .06		2.00 2.90	.18						.18	.40		.10				.74 .05 .30 1.16					.25		.22	.70	.05	.39	. 18	.06		2.33 2.38 1.54 6.06 7.04
BRIDGEPORT 2 W BRUNDIDGE 'ALENA CAMBEN 'AMPBEL1		03 .08 11 17	T	1.22 .76 1.27	1.79						.56 .33 .40 .38	.23						T .22 .56 .30	. 69			.16			.38 T .09 T	.32	. 05		.20 T .11 .03	T T .50		4.48 3.24 3.26 3.19
CAMP HILL 2 NW CARRON BILL CENTER ANOVE CENTREVILLE CHATOY	1 .	04 - 17 T 15 .02	.87	2.54	.56 .75 .52 .78						.18 .60 .22							.17 .30 .17 .27	T	. 10			.04		.35	.68 T	.02	.07 .28 .74 .54	.35	.33		4.92 3.11 2.00 3.42
CHILDSHNBURG CITRONELLE CLAN LON CLAY LON COPPER SPRINGS	. (. 19 08 . 04		2.05 1.07 2.00	.63 .25 1.85						.67	.15	.08					.05	. 17		0				.10	.18 .08 .38 .83	T	.24 .05 .16 .35	.06	.19		1.68 6.32 3.38 3.47 5.70
COLLINSVILLE COLUMBIA CORROVA CUBA DADEVILLE	T	20 11 .21 .06	.10	1.65	.90 1.27 .25 .09 .95						.14	.08						.28 T .55 .55	.80 T				.84		.18 .10 .04 .20 1	.05 .52 .11		.67 .70 .33	. 33	.52		2.44 5.01 2.41 2.57 2.66
DADEVILLE NO 2 I DANCY DANVILLE DAYTON		2 .04	.15	.98	. 03						.15	.43					.01	.12 .22 .15 .17					.46	1	.06	.08		.25	.24	.46		2.93 2.53 2.21 2.50
DECATUR NO 4 DECATUR SUBSTATION DEMODILS LOCK 4 DOTHAN CAA AIRPORT 2	1.0	9 T 9 .07	.15	.02 2.84	.23 .10 .28 .02						.49 .35		T					.06 .08 .07 .47		T		.02	.55 .57 .51	T	.11 .11 .06 .84	. 13		T	.56 T	.12		3.50 3.55 2.73 1.45 5.13
ELROD ELPALLA SUTA-LOCK NO 7 EVERGRIEN 'AA APT		6 T 0 .17			.30 1.32 .06						.35	. 10					Т	.94 .55 .03 .96 .86	. 58						T .09	. 15 . 38 . 46 . 24		. 86 . 30 . 23	.05	.68		5.70 3.52 3.46 2.61 5.69
PALCO 5 NE PALKY ILLE FALLS (ITY ", NA FARLEY FAYE FTE	0	5 .09	٠	1.05	2.50 .38 .45 .29						.16	.52	.02					.05				1	.68	T		. 08 . 94 . 75 . 01		.16	. 15 . 05 . 26	.11		1.59 5.08 1.95 1.75 2.90
FLAT ROCK FLORENCE AT LOCK FORT DEPOSIT FORT MORGAN //Z FORT PAINE Z	.1	6 2 .06 3 .20	1.75	.19 .71 .83	.15					.03	.27	.27					1	.17 T .53 .61				.11	05		.24 .21 .7	.02		66	06 90	. 13 . 11 . 16 . 03	3	2.77 .95 2.60 3.83 3.97
FRISCO CITY CADSDEN AINESVILLE GARDEN CITY JENEVA	.0	7 .13 5 .11 8 .11 .21		2.21	1.25 .78 .12 .59					.03	.18	. 17 T						.10 .52 .15 .26	.02	.03			65 17 40		.20 . .02 . .31 .	12 17 05		13 -	07	.16	2 2	.95 1.25 1.30 1.77
GOODWALER JOR A REEN'BOHO CREENVILLE CREENVI'LL N. 2	.1	8 .09 7 .12 7 .02 1 .02	.74	.15	1.95 .37 .25 .57							.17						.13 .57 .66	.03	Т				i	.07 .33	81 37 27	1.	31 .	13 08 02	.02 T .24 .48	4 2	.53 .07 .10 .83 .77
OUTF OF RE PASSE WINTERSVILLE DAY BALLLYVILLE HAWILLON	. 0:	3 .03 3 .08 2 .09		2.45 .10	.67 .18 .08						. 20						.01	.56	.02		1.	00	80 24		43 .	31 02		07 .	13 27 03 42	.49 .14 .10 .05 .48	1 2 1	.94 .95 .85 .04 .99
HARRISHERG 5 SE CASSEVILL. HEADLANG HELENA HIGHLAND HOME	.1	.99		.28 1,36 T	.50 .42 1.47 .78						.18 .	.26					1	.30 .84 .80 .88 1						i	18 . 47 20	05 62 40	1.	73 T		. 12	1 3 4 4	.86 .86 .10
R' HIGOEL BERT SETTLE SERVIA BEST SETTLE SERVIA BEST SETTLE SERVIA	.1:	07 1.10 2.04 3 T		.31	.55						.40 .26 .25	.10					. 07	. 09 T				58	23 65 11	r i	53 15 16	11	1.	35 . 13 .	10 .	54 05 20	3 2	.62 .18 .91 .00 .88
1	.01	.06		1.03 1.28 .23 1	.50						17	12						.40 .26 T .05 .28 .	31	.16		19		1.	22 80 22 1.:	38	1 .1	18 04 34	02	22 06 05 02	3. 1. 3. 4.	. 04 . 96 . 72 . 70
LAY DAY Z LIT COLN LIVEN TON	.00	.10	.50	.95	.25						10 .	13 03 15 50						14 65 12 08		.04			14		18 .: 21 .: 19 .: 50	26 04 26		38 .:	26 .	35 14 38	2. 2. 1.	.66 .17 .90 .78
CHART FK SC 17 MADI ON WASELLA	.03	.01		3.12 1	.53 .40 .20 .53						26 . 25	31 02 13						87 93 07 78					88		.: 09 .:	22 08 17	1.3	10 i 54 . (54 1	02 .	02 16 04 18	6. 3. 2.	21 82 74 44

DAILY PRECIPITATION

ALABAMA APRIL 1950

Table 3—Continued			=	Ŧ	Ŧ					-		-				-	Day	-6 -	-nth			_	-										
Station		1_1	2	1	3	4	5	6	7	- 8	9	10	11	12	13	14	-	y of m		18	19	20	21	22	23	24	25	26	27	28	29 3	30 31	31
MAGNOLIA MARION 1 SSE MARION JUNCTION MARION JUNCTION 2 N MARION DAM	R Z	.26 .12 .10 .28	05	05	,21	.75	.51	1 5 8					.24	4						.37	.01						, 05	32	.95	.06	.11 3.		5. 1. 2.
MAXWELL FIELD MELVIN MERTZ 3 E MIDWAY MILLERS FERRY	R	.04	. 16	10	-	1.30	T						. 03	.55						.86 1.07	T . 50						1.03	. 15	-	.50	.01 -	.50	2. 2. 3.
NILSTEAD NOBILE WB AIRPORT NOBILE WB CITY NONTE SANO NONTEVALLO	z	.31		1.	.78	2.55 3.26		7					, 19 . 10 . 35	oj j	.02				. 18	.47 .50 1.30 T	.12	.01			. 53		.82 .20 .25 .20 .42	.10	T	.21 .01 T	.19 T	.02 T .10	4. 6. 7. 3. 4.
ONTGOMERY WB APT ONTGOMERY WB CITY OULTON USCLE SHOALS CAA A EW BROCKTON	Z R	,08			, 03	1.17	T	the age of the				T	.10 .08 .27 .18 .05	8 7 8					.07		T	T		. 20		.02		3		3 1.37	.02 .	.20 .15 .70	2. 4. 3. 4. 6.
EWBURG EW MARKET EWTON NEONTA RRVILLE		1.09	.10				.56 .38 1.62 .33 1.60	8 2 3					.29	*						.03 .38 .43		. 51	İ	٠	. 22		.21	. 18		.16 .45 2.21	.33	. 25	3. 1 2. 2. 6.
ZARK AINT ROCK ALMERDALE ENNINGTON LOCK 2 ERRYVILLE	R	.12	. 09	15		1.46	.51	1					.20	.21					.01	.68	.41			.51			. 49 . 79 . 03	9		1.03	.11	.35 .35 .70	5. 2 2. 3.
ETERMAN ICKENSVILLE INE HILL INE LEVEL LANTERSVILLE	R	.40	.10	10	.06	.95	1.01	ı.					.31	0						1.19 .21 .20 .77 .10							T .10	1.19		.55	2.	.34	4. 1. 4. 3.
LEASANT GROVE SCH LEASANT HILL RATTVILLE RIMROSE FARM USHMATAHA	R	.21 .22 .18 .10 .15			.09	.93	.75	5					.08	1 .					-	.05 .73 1.05 .64	-	-	- 1	-	.12	T	.92	-	.40	.02	.05	.02	1. 4. 3. 2.
ED BAY EFORM IVER FALLS IVER FALLS 2 NE DBERTSDALE 7 E	R	. 15	.58	1.	.27	2 34 1.00 1.42	- 1	3 ~	-	-	-	-	.32	.17	.06	-	-	-	.11	.23 .77	-	_ T	-	-	.31	-	.21	.11	-	.30	.15	.55 .24 .07	2. 1. 4.
OCK MILLS AINT BERNARD AND MTN STA FRM AP AYRE COTTSBORO		.15 .10 .16 .20	.06	7		.13	.17	7					. 22	.02						.05 .26 .54				.94	.38		.01 .33 .30 .18	.27	.03	. 15	.30 .	.01 .20 .15	1. 2. 2. 1.
COTTSBORO SUBSTA SLMA HEPPIELD TVA NRSY HOEMAKER SPRINGS LOCOMB		.04	.12	2		.03	.46 1.01 .26 .53 1.55	3					.06	.07						.39	.01	Т			.22		.28	. 13		.72 .51 .69	T 1.11 . .62 .	.12 .20 .26	1. 2. 3. 3.
OW HILL DUTH HILL RING HILL STELL AIM		.14	.26 .02 .17	2		.66	.27	7					.22	.11						.72 .08 1.78					.85		.04 .43 T .24 .39	.03		.08 T .47		.24 .23 .45 .11	4. 2. 7. 2.
LACAUGA LVANIA LLADEGA LLADEGA HRN MT TR LOMASVILLE		.06 .05	.07	1		.02		3					.13 .12 .10 .19	3						.18		.03			.22		. 09	.10		.21 .18 .20 .04	.28	.07 .05	1. 1. 1.
IORSBY 1 SW IURLOW DAM NNEY RAFFORD ROY	R R Z Z	.10	.06	CO		.08	1.63						.18	.16						.09 .25 .02 .57	.47			.28			.62 .10 .28 .30	1.57		. 18 . 08 . 68 . 41 . 54	.30	. 45	2. 4. 2. 2. 6.
USCALOOSA CAA APT USCALOOSA LCK DAM USKEGEE NION SPRINGS NIONTOWN		.45 .31 .04 T	.09	19 12 T		.10 .34 .66	.18 .68	T					.34		T				.13	1.48 1.86 .67 .23	.04	Т				.04	.12	.35	T	T .16 .53 .32	T T	.79 .07 T	4. 3. 3 6
NIVERSITY ALLEY HEAD ANCE ERNON ADLEY	Z	_	.02	No.		.10	.96				-		.44	.39			.03	-	.15	2.05 .82 .10				.02	_	.02 T	.17	.76	.32			. 50	4. 1. 2.
ALLACE ALNUT GROVE ATERLOO EST BLOCTON ETUMPKA		.30	. 15			.12	.92		.10				.30				.04			1.23 .68 .80 .42	. 24			.38	.27		.05	.48		. 89	1.44	. 95 . 65 . 11	3, 4, 5,
HATLEY HEELER DAM HITFIELD LOCK 3 IDOWS CREEK STM PLT ILSON DAM	z	.10	.02	19	-	.60 .10 -	.60		-	~	~		.22	.28		-	-	-	-	.75 .07 .82	-	-,	-	-	.43	- 1	.13	.04		.32 .52 .02 .03 .79	.18 .:	.05 .32 .14 .23	2. 2. 3.
INFIELD 2 SW ATES HYDRO PLANT OUNGS STORE		.35	, 09	5		. 25	1.01						.35	.08						.32	.40				.04		.47	2.64		. 59		.10	2. 4. 3.

able 4						A. N	f. How	r endir	ng									Pl	M. Hou	ır endı	ng	-				
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	6
	-				-			1	U	9		11	12	÷	2											
ADDISON			. 01	, 01	.02	. 01	. 04	. 01			. 01		-ls													
ANNISTON WE AIRPORT ASHLAND	6			*	*	*	*	.50		.01	. 01	. 01	.01	.01	*	*	*		٠	. 08			1			
ATMORE STATE FARM AUBURN SCS 10				. 03		. 01		, 06	. 01		. 03	.02		. 03	. 04											
BELGREEN BERRY			. 08	. 05		. 03	.14	. 04		. 02	. 02		. 02		. 01	. 01										
BEXAR 2 SE BIRMINGHAM WB APT BOAZ			. 01	.01	. 02	. 02	.01	. 01	.01	.02	.01	.02	.01		.01	. 01										
CAMPBELL DADEVILLE NO 2		. 02	. 01	.02	. 02	. 01	. 05	. 03	.03	.01	.01	. 01	. 04	. 01	.01											
TUTAW LOCK NO 7 TVERGREEN CAA APT	6		. 03	.08	.07	.02	. 04	.01						. 03	.01			. 08	.01	. 09						
LAT ROCK ORT MORGAN	//	0.0									. 03		. 07	. 02	. 04					. 01	.01	. 01	1			
ARDEN CITY		.01	.01	.02	. 01	.01	. 02	01	. 02	. 01	. 02	. 01	. 03		. 01		01									
REENVILLE NO 2 UNTERSVILLE REC ALEYVILLE		.02	. 03	.02	. 04	. 08	.03	.01	.02		. 03	.01	.01		. 01		. 01									
UNTSVILLE ACKSON LOCK 1	6	. 02	. 00	4	. 01	. 04	. 03	. 03	0			.01	٠	. 05												
ACKSONVILLE AY DAM					. 02	. 01	.02	. 03		. 01	. 03	.01	. 02	.02	.02	.01		. 01		.01			i			i
AGNOLIA OBILE WB AIRPORT	6			. 01	9.	. 05	* 04	.02	.01	.01		.02	4	. 06				. 05	.02	. 06					0	
OBILE WB CITY ONTGOMERY WB APT	6		. 03	. 04	.02		.02	. 04	.02	*	. 02	.02	. 01	.10	, 06	. 01										
ONTGOMERY WB CITY	6	0.0		.02		. 02	. 03	.02	.02	. 02	.01	.02	. 01	OF.						1						1
USCLE SHOALS CAA A EW BROCKTON AINT ROCK	ь	. 03	. 01	* [.01		.09	. 02	,	*	.01	.01	. 01	. 05				. 01	, 05							
LEASANT HILL HORSBY 1 SW		. 02	. 01			. 03	.01	.01	. 01	. 02	.01	.01	.01	. 01	. 01		.01			. 01	. 05	. 03				-
ONEY TRAFFORD					. 01	.02	. 01	.06	. 01	. 01				. 02	. 01											
TROY USCALOOSA CAA APT	6			*	.01	.01	.01	.33	.03	.02	.01		*	. 08			*	*		. 04						
NIVERSITY ERNON		. 05	. 08	. 05	. 06	.06	.11		.04	.03	.01	.01	.01	. 01	.01		.01		.01							
IDOWS CREEK STM PLT		-	-	•	-	-	-	-	-	-	-	-		-	-	-		-	-	-	•		-	-	-	1
SHLAND	//												-2	d-								.10				ı
TUTAW LOCK NO 7								. 01	.01		. 01			1		. 01	.02	. 01								
OBILE WB AIRPORT NIVERSITY	6	. 01									1		.02	1						!						1
											1		-3	d-												
BBEVILLE SHLAND	//												3	a				.01		. 01	.01	. 01	. 02		.06	
TMORE STATE FARM BELGREEN												. 05		1			I		. 14	. 31	.30			. 07	. 09	1
CAMPBELL DOTHAN CAA AIRPORT																	. 22							. 03		
EVERGREEN CAA APT PORT MORGAN	//										!				* .	.01	. 05	. 45	. 25	.61	. 33			.08	. 01	1
SREENVILLE NO 2 SACKSON LOCK 1 MAGNOLIA																	.62	.31	.02	.01	.32	. 14	.01	. 09	. 04	
MIDWAY MOBILE WB AIRPORT	6																	. 05		11.17	٠			.01	. 09	4
MOBILE WB CITY MONTGOMERY WB APT	6															. 15	. 46	. 32	.74		.11	.11		.02	. 06	2
MONTGOMERY WB CITY MUSCLE SHOALS CAA A	6										*			. 03								.17	. 03	.01		
NEW BROCKTON PETERMAN													.01	I				.60	. 11	.20	. 03	.35		. 15	. 43	
PLEASANT HILL RIVER PALLS 2 NE TROY																				. 01	. 05 , 43	.03	26	. 28	.18	1
														1]								.00	. 20	. 20		
ABBEVILLE		.18	.31	.21	. 06	.02	. 15	.07	.09				-4	th-				. 02	.01	.36			.27	. 21	.20	
ADDISON ANNISTON WE AIRPORT	6			* 01			٠	.02		.11	. 01				8 01	.01	0	.05	.02	.71	.01	9	6 03	* 01	0	1
ASHLAND ATMORE STATE FARM AUBURN SCS 10	//	.01		.01	. 08	.02	.01			, 05		. 05			. 01	1.75		.14		. 06	.08	. 03		. 01	.01	3
BELGREEN BERRY		. 10	.10							, 03		,00				.09		.03	. 40		, 00	, 10				1
BEXAR 2 SE BIRMINGHAM WB APT														. 01	.01	.01	.01	. 03	.11							
BOAZ CAMPBELL											, 01	.01	.01		. 25	.03		.13	. 28	. 04	. 01	. 01	10		0.0	1
DADEVILLE NO 2 DOTHAN CAA AIRPORT		. 29	. 29	. 15	. 08	.19	. 22	.10	. 07	.01							. 03	, 18	.10	.09	.37	. 20		.17	. 01	2
EUTAW LOCK NO 7 EVERGREEN CAA APT PLAT ROCK	6	.60	٠			0		. 28									. 03		٠	2.01	. 13	۰	*			
FORT MORGAN FORT PAYNE	//	,53	. 01			.01	. 03										, 53	.58	. 06	. 25	, 20					
GARDEN CITY GREENVILLE NO 2		.01	. 03	. 01	.03					.02	.01			. 01	. 05	.01	.05	.32	. 22		, 08	. 02				
GUNTERSVILLE REC HALEYVILLE															0	0		.10	. 08	1						
HUNTSVILLE JACKSON LOCK 1	6								٠	0	0	٠	.01	.04		.01		17	.17	.03	. 01			0.2		_
JACKSONVILLE LAY DAM MAGNOLIA									.02	. 01	01	. 01			.15	.06		. 17	.21	.17	.52	. 02		. 03		1
MARION 1 SSE MIDWAY		. 20	. 10	.03	02	.01	.08	. 03		.01		.01	. 01		.15	.21	.01	.09	. 36			.01		.01	. 01	
MOBILE WB AIRPORT	6		0	0	0	.01	.00	.14		, 0.2			, 01		.78	1.22	.68	0	.01	2.17	. 08	٠		*		3
MONTGOMERY WB APT	6	. 23													0	.10	.69	.07	4	.34		۰	*	٠	9	1
MOULTON															. 04		. 06									

ALABAMA APRIL 1950

able 4-Continued			_	_				-						101											APRIL	
Station		,				-	-	r endir				., 1							т	r endir						Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
MUSCLE SHOALS CAA A NEW BROCKTON	6	. 16	.03	. 08	.08	. 21	. 06	. 01			. 01	. 01			.44	. 03	*	*	, 45	.13	.18	. 22	.16	. 08	. 02	2.4
PAINT ROCK PETERMAN			. 01	. 05		.01							. 01	. 04		. 28	.07	. 02	. 15	. 03	. 16					1.
PLEASANT HILL RIVER FALLS 2 NE		. 01	.01		.01		. 01	. 01							.04		.30	. 08	.01	.09	.02	.10	.10	. 02		1.0
THORSBY 1 SW TONEY															,		.02	. 05	. 09	. 04	.30	.18	.10	. 01	. 01	
TRAFFORD TROY		. 09	.01	. 02	. 05	, 05	. 06		. 02	. 02		. 01		. 02	. 01	. 05		.20 1.55		.01	. 15	.10		. 02		2.
TUSCALOOSA CAA APT UNIVERSITY	6	,00	.01	. 02	. 00	, 00	.00		.02	. 02		. 01			*	*		.01	#	. 06		.10		.02	-	1
VERNON						.01	.01										.02	.10		. 02	. 01					.:
													_5	th-												
ABBEVILLE ANNISTON WB AIRPORT	6	. 07												r#1												. 1
ASHLAND	//	. 21	.01								01															
BOAZ DADEVILLE NO 2		. 03									. 01												1			
DOTHAN CAA AIRPORT EVERGREEN CAA APT	6	. 06																								
FORT PAYNE MOBILE WB AIRPORT	6	. 01		. 01																						- 1
MONTGOMERY WB APT PETERMAN	6	. 22	*	. 01	.01	*	*	.02																		
PLEASANT HILL RIVER FALLS 2 NE		. 02										_	_	-	_	-	-	_	_	-	_	_	-	_	_ ,	. :
		1											11	1												
ABBEVILLE													-11.	th-	.02	. 01										1
ADDISON ANNISTON WB AIRPORT	6		*		. 24	.01	.01	. 01						,13												
ASHLAND ATMORE STATE FARM	//								. 04		. 02		. 44	. 16												
AUBURN SCS 10 BELGREEN					. 17	05	. 02	.02		.20	. 02															
BERRY BEXAR 2 SE			.01	. 05	. 04	11	. 08	.01	.01					1												
BIRMINGHAM WB APT			. 01		.12	. 02	. 01	. 07	. 04																	
BOAZ CAMPBELL			.01	. 01	.12	. 01	. 02	.01	. 13	. 21	. 01	01	.01	. 01												. 3
ADEVILLE NO 2 UTAW LOCK NO 7							. 21	. 19	. 02	.01	. 02	. 01		.01												. 1
VERGREEN CAA APT LAT ROCK	6							. 06	. 02	*	*	*	*	. 19												. 0
ORT PAYNE ARDEN CITY					. 01	. 03	.07	. 03	.02																	.1
REENVILLE NO 2 UNTERSVILLE REC					. 10	.10					. 30	. 08	. 01	ţ									1			. 3
ALEYVILLE ACKSON LOCK 1				. 09	. 02	. 07	. 02	. 01	. 04	. 11	. 03					. 01										. 2
ACKSONVILLE AY DAM							. 01	.09	. 05	. 03				1												. 1
AGNOLIA ARION 1 SSE								. 05	.02	. 09	. 08			1					. 02	, 15	. 23					.4
IIDWAY IOBILE WB AIRPORT	6								*			.12	. 03	. 03	.01		4			. 04						. 1
OBILE WB CITY ONTGOMERY WB APT	6											4	. 02	.07	.01								1			. 1
ONTGOMERY WB CITY				. 11	. 14			.02	.02	. 02	. 04												1			. 0
MUSCLE SHOALS CAA A	6		4	*	*		*	. 18							. 05											
PAINT ROCK PETERMAN					.02	.11	. 07		02	. 05	20	. 03	.01		. 00											
PLEASANT HILL THORSBY 1 SW		02	. 03					.01	. 06	.04	. 04	.03	. 0,1													
TONEY FRAFFORD		.02	, 00	. 04	. 07	. 05	.02	.06	. 01	.10																
TROY TUSCALOOSA CAA APT	6					.05	. 12		.01			. 29	. 01					. 02					1			1 .3
DNIVERSITY	0		*	16			.02	.22			*	.03		.12									1			1 .3
ERNON				. 16	.20	.07	. 01						3.0													. 4
ADDIT BURN AVERDER												-	-13	th-	_					00						
OBILE WE AIRPORT	6														•	•	. 01		-	.02			1		ļ	.0
												-	-15	th-												
NIVERSITY											. 03		10						ĺ							.0
													7.7	th-												
DDISON												_	_17	In-								. 04	. 05	. 02	.02	. 1
TMORE STATE FARM ELGREEN																				.01	.01			. 01	. 04	.0
ERRY EXAR 2 SE																						. 01	.01	.01	.03	.1
UTAW LOCK NO 7																			.04				.02	. 08	.03	.0
UNTERSVILLE REC																					.01		. 01	. 08	.07	.0
UNTSVILLE ACKSON LOCK 1	6																					*	*	.05	.01	.0
OBILE WE AIRPORT	6																				*			*	. 05	.0
OULTON USCLE SHOALS CAA A	6										. 02	.01	.01	.01					.02					*	8	.0
AINT ROCK	U																				_		_	.01		.0
TRAFFORD												-	-								-		1		.01	-
TROY	6																					8	*	*	.01	. (
USCALOUSA CAA API																					.04	.17	.04	. 02	.08	.1
INIVERSITY																										
JN IV ERS I TY												_	-18	th-												
TUSCALOOSA CAA APT UNIVERSITY VERNON ABBEVILLE ADDISON		.01				. 01	.01	.06	. 28	. 22	. 02	-	-18	th-												.6

Table 4-Continued				-																						1930
	1					A. 1	A. Hou	r endi	ng				1					P. 1	M. Hou	ır endi	ng					ৰ
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
ASHLAND ATMORE STATE FARM AUBURN SCS 10 BERRY BEKAR 2 SE BIRMINGHAM WB APT BOAZ CAMPBELL	//	.03	.03	.01 .02 .09 .08	.50 .15 .07 .16 .28	.01 .09 .05	.06	.02		, 08										. 04	.01					.10 .65 .33 .26 .01 .68 .30 .30
DADEVILLE NO 2 DOTBAN CAA AIRPORT EUTAW LOCK NO 7 EVERGREEN CAA APT FORT WORGAN FORT PAYNE GARDEN CITT GREENVILLE NO 2 HUNTSVILLE JACKSON LOCK 1 JACKSON LOCK 1 JACKSON LUCK 1	6	.02	.04 * .05 .01 .02 .04	. 05 . 02 . 01 . 15	.04 * .50 .01 .03	.06	.04	.04 .25 .78 .02 .01 .30	.01	.02	٠	٠	. 02	. 08					. 03		. 03				. 01	.79 .62 .60 .06
LAY DAM MACHOLIA MARION I SSE MIDWAY MOBILE WE AIRPORT MOBILE WE AIRPORT MONTGOMERY WE APT MONTGOMERY WE APT MONTGOMERY WE ATTY MUSCLE SHOALS CAA A NEW BROCKTON PETERMAN	6 6	.18 .08 .02 .02	.07	.45	.01 .30 * .70 * .07	.06 .05 .04 * .23 .01	.01 * .27 .31	.13 .50 .71 .22	.19	.01	.01	0		. 22												.16 .37 .14 .44 1.30 .89
THORSEY 1 SW TONEY TRAFFORD TEOY TUSCALOOSA CAA APT UNIVERSITY VERNON	6	. 05 . 17 . 20 . 02	.70	.06	. 04 . 16 * . 15 . 06	.01		.41	.01	. 01			.01 -19	th-										. 01	. 01	1.95 .10
GREENVILLE NO 2 TRAFFORD MOBILE WB AIRPORT MOBILE WB CITY	6	.01	٠	*	.01	*	*	,01	.01	. 01			-20													.01
ADDISON ASHLAND BELGREN BERRY BERRY BERRY BEARR 2 SE BOAZ FLAT ROCK FORT PAYNE GARDEN CITY GUNTERSYLLLE REC BALSYVILLE HONTSYLLLE JACKSONVILLE MOULTON MUSCLE SBOALS CAA A PAINT ROCK TONEY TRAFFORD UNIVERSITY VERNON	6		.02	.01	.01			.01	. 20 . 02 *	.26 .01 .01 .06	.02 .13 .01 *	.04 .10 .12 .05 .02 .09 .37 .02 *	.12 .21 .08 .46 .01 *	.02 .14 .18 .04 .58 .12 .43 .01	.01	.01	. 01									. 35 . 04 . 23 . 10 . 03 . 28 . 11 . 50 . 38 ! 1. 00 . 22 ! . 19 . 20 ! . 28 . 10 . 02 . 02
ADDISON BELGREEN BERRY BERRY GARDEN CITY GREENVILLE NO 2 HALFYVILLE MOULTON MUSCLE SHOALS CAA A TUSCALOOSA CAA APT UNIVERSITY VERION	6 6											-	-24						.01	.04	.01	.08	.11 .02 .08	.02	.02	. 05 .20 .04 .12 .03 .01 .07 .10 .02
ABBEVILLE ADDISON AMNISTON WB AIRPORT ASELAND ATMORE STATE FARM AUBURN SCS 10 BELGREN BERRY BEXAR 2 SE BIRMINGHAN WB APT	6	.01		.01	.04	, 05	*	. 01	.01	* .07 .25 .01 .02	.01	.20		th- .18	.01			.01		.46	. 01		. 02	, 05		.88 .40 .68 .08 1.34 .11 .21 .09
BOAZ CAMPBELL ADSVILLE NO 2 POTBAN CAA AIRPORT ELTAW LOCK NO 7 FLAT ROCK FORT MORGAN FORT BAYNE GARDEN CLITY CREENVILLE NO 2 CONTERSVILLE REC MALEVYLLLE ACKAGEN LOCK 1 JACKNESS VILLE ACKAGEN LOCK 1 JACKNESS VILLE	6	. 03	.01 .01 .02 .01	.09	.01 .02 .02 .12 .01 .05		.03	.07	.05	.02	.08 .01 .01 .01 .01	.01	.09	.01	.01	.02	.11			. 08	.12	.01	.01	.42	. 26	.33 .04 1.06 .75 .28 .24 .28 .14 .39 .43 .25 .25
MARION I SSE			. 01					.02		0107	. 03	.12	. 04	.01	. 05	.01	. 01	.02	.01			. 01	.14			.36

Table 4-Continued													101											APRII	. 1950
					A. N	1. Hou	r endi:	ag									P. 1	4. Hou	ır endi	ing					-
Station	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
	1		3			-									_	_						10	**		
MIDWAY MOBILE WB AIRPORT 6						. 06	.20	.11	. 01	. 01		.01	.02	.14	.01	.17	.01		. 08			.01	.07	. 08	. 91
MOBILE WB CITY							. 04						.21	7	-	•	-	•	, 08		.02				. 25
MONTGOMERY WB CITY		00	. 01	-	. 02	.18	. 01		*	-	. 09	. 04	,02		02					-	Ť	.63	. 05	•	1.03
MUSCLE SHOALS CAA A 6	.18	. 02	. 06	*	*	*	. 18		Į.		. 01				. 02										. 29
PAINT ROCK THORSBY 1 SW		. 05	.02	. 06	.14	. 15	. 15	. 01	01	.12	. 22														. 62
TONEY TRAFFORD	.01	.07	.02	.05 .12	.10	.03			.01	. 02	.01	0.5	. 01						,		0.1	00	00		. 28
TROY TUSCALOOSA CAA APT 6	. 06	*		*	*	*	. 05	.05	*	*	4	. 05	.47								. 01	. 02	. 23		.31
UNIVERSITY VERNON	.04	. 04	. 01	. 02	. 01	. 01		. 05 . 03	.30																. 43
									1		_	26	th-												
ABBEVILLE	. 04		-		.01	.01	.01					20	LII												. 07
DADEVILLE NO 2 LAY DAM	. 07		.01		, 04	. 01																			. 08
MOBILE WB AIRPORT 6 MONTGOMERY WB APT 6	. 04		,																						
TRAFFORD				.02	. 01	. 01	. 01	. 01	1																. 02
WIDOWS CREEK STM PLT	-	-	-	-	-	-	-	-	-	-	-	-		-	-										-
			1								-	-27								-		7			
ABBEVILLE ADDISON						. 01						. 05	.01				. 01	. 01		. 02				.03	. 14
AUBURN SCS 10 BERRY																					.11	.06	. 08	. 25	. 11
DOTHAN CAA AIRPORT GREENVILLE NO 2												.20	.01	. 03	.94	. 22	. 05	. 16	1	. 01			.01	.02	1.40
MIDWAY MONTGOMERY WB APT 6			. 01	. 01	. 01				.01											*	.02	8	. 05		. 2:
MONTGOMERY WB CITY MOULTON								. 01											. 01	. 08	.14	.11	.01	. 08	. 31
NEW BROCKTON TROY													. 23	. 02	.01	. 05	.70	. 03	. 06	. 01		.01	.56		1.4:
ŬNIVERSITY VERNON																			1	.32			. 01	.09	. 3:
												20	L1_												
ABBEVILLE	1		. 01	. 01								-28	th-												. 0
ADDISON ANNISTON WB AIRPORT 6	. 01		*	*	.02	.50	.02	.18		. 02	.01											Į.			. 7
ASHLAND BELGREEN //					.12	.10	.80	*	*	*	*	*	*	*	* .02	*	, 02	.56				1			1.0
BERRY BEXAR 2 SE	1,90	.96 ,	.03							. 02	.01									.01				. 01	2.9
BIRMINGHAM WB APT BOAZ		. 02	.08	. 07	.01	.01				.01	.01		. 02	.11											. 0
DOTHAN CAA AIRPORT EUTAW LOCK NO 7	1		. 01													.04									.0
EVERGREEN CAA APT 6 FORT PAYNE	1	*	*	. 01	.01	*	.12																		.0
GARDEN CITY GREENVILLE NO 2									. 06		. 01	. 05											. 05	. 01	.1
GUNTERSVILLE REC HUNTSVILLE 6			.01	*			. 06	*					.68			1			1						. 0
JACKSONVILLE LAY DAM	1	. 02					1	.01					1			ļ	.12	. 01	1				. 02	. 02	.0
MAGNOLIA MARION 1 SSE						*	.30								. 05	.01									. C
MIDWAY MOBILE WB AIRPORT 6		*		*	*	*	.01		. 01	. 01			1												.0
MONTGOMERY WB APT 6 MOULTON	.23	. 34		.01	. 08	. 18	.17	. 04	. 22	.17	.10	.02	. 04												1.3
MUSCLE SHOALS CAA A 6 NEW BROCKTON		*	*	*	.01	.01	. 65	*	*	*	*	*	1.28									Ì			
PAINT ROCK THORSBY 1 SW	!		. 20			. 15	.10			.12	. 20	. 04	. 05			.03									.7
TONEY TRAFFORD	*	. 05	*	*	.05	*	*	*	.06	.19	.08	.12	.10	. 03											.6
TUSCALOOSA CAA APT 6 VERNON	. 01			. 03	.02									*	* .03	*	*		.07						.1
WIDOWS CREEK STM PLT	1		.03										1												,()
													th-						1						
ADDISON ATMORE STATE PARM			3	1				. 09	.03	. 02	.08														.1
BELGREEN BEXAR 2 SE		.01							.01	. 01	.13	.02				1						1			.()
BIRMINGHAM WB APT CAMPBELL								.02	.01	. 06	.01	. 15					. 01								
EUTAW LOCK NO 7 EVERGREEN CAA APT 6								*		. 03		.01	. 05	*		.02	.07	.02	.03						.1
FLAT ROCK FORT MORGAN //	1										. 06		1				.12	. 16	.02						.3
GREENVILLE NO 2 GUNTERSVILLE REC	.02	.01	. 01					. 03				. 04	.01	.02	.01	1		. 01							.1
HALEYVILLE HUNTSVILLE 6								*		.22	.01	.01	.01												
JACKSON LOCK 1 LAY DAM				16					. 05	. 06	.01	. 20	.10			.01	.01	.01							
MAGNOLIA MARION 1 SSE								.01	.01	. 01	. 03		. 01				. 03		.01			.01	.14	. 01	
MOBILE WB AIRPORT 6 MOBILE WB CITY		*		.01	100	*	.02							18	*	. 03	. 05	.10	. 28						
MONTGOMERY WB APT 6 MONTGOMERY WB CITY	1							*	*	*	*	*	.01												
MOULTON MUSCLE SHOALS CAA A 6								*	.09	*	*	*	. 08												
PAINT ROCK PETERMAN										. 05	.10														
THORSBY 1 RW								. 01	. 02			. 24													
TRAFFORD TUSCALOOSA CAA APT 6											*	. 08	.01			*		*	. 02						
UNIVERSITY VERNON								. 01	.05	.08	.33	. 01						.02							
WIDOWS CREEK STM PLT											.12														1

ALABANA APRIL 1950

Station							A. 1	M. Hot	ur endi	ng									P. 1	M. Hou	ır endi	ng					-
Station			1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	-
													-	30	th-												
DDISON NNISTON WB AIRPORT	6								. 03	.23	.33	.02	.01	.02	.01			.01	.03	. 01		. 05	.01	. 04	. 01		
HLAND BURN SCS 10 LGREEN	//	1							.12	.31	. 21	. 02	. 04	. 05	. 04	.50	.13	01	0.1							. 09	
RRY KAR 2 SE							. 01	. 05		.03	.02	.01	.03	.05	. 02	. 01	. 03	. 01	.03	. 05	. 01	.02	.01				
MINGHAM WB APT													.01	. 06	.01	. 01	, 00	. 00	. 02							.08	
PBELL EVILLE NO 2 AW LOCK NO 7							.01	. 16	.04	. 03	.06	. 03	. 01		.01	.30	.01						.01	. 02		. 03	
RGREEN CAA APT T ROCK	6	1			-			.02		.01	.03	. 08	.01	4	.63		. 04	.06	. 01	.02	. 02					. 01	
T PAYNE DEN CITY			02	. 05				. 05			1	. 01		.01		.02			.01								
ENVILLE NO 2 TERSVILLE REC EYVILLE			.01		.01		01	. 01		00	. 06	. 05	. 23	.12		. 02		.01					.02				
TSVILLE KSON LOCK 1	6	1	.01		.01	. 01	.01	.01		.02	. 04	.02	.01	. 03	.12	. 03	.01	.01	.03	.01	.01		. 01	.02			
KSONVILLE NOLIA						.01	. 04			. 02	. 02	. 15	. 01		.01	. 01		.01		. 01	. 20		1.67	1.30			3
ION 1 SSE WAY ILE WB AIRPORT	6	,		. 01				. 05			- 1				. 15	. 15	. 01							.04	.11		
TGOMERY WE APT TGOMERY WE CITY	6									*			*	, 06	.02	. 01					. 03			.02			
LTON CLE SHOALS CAA A	6				0				.09	.03	.17	.12	.01	.02		. 02	.03	.01		20	. 29			. 02			
NT ROCK ERMAN ASANT HILL		}									, 06	. 27	.01		. 09				.01	.01					. 01	. 23	
ER FALLS 2 NE				-	-	-	-	-	-	-	-	. 03	-	.07	.08	-	-	.03	-	.01	-	-	.18		-	-	
FFORD											.04	. 03		.07	.01	.01	1.65	. 03		.01		.01		.05			1
CALOOSA CAA APT VERSITY NON	6	1							.03	.02	.01	.02	.01	.01	. 07	٠			.05	. 28	.44				.01		
OWS CREEK STM PLT							.08	.13		.06	,06	. 05	. 01	.02	. 01	. 01	. 04	.11		.01	.01					. 02	

DAILY TEMPERATURES

Table 5										711							01														A	PRIL	1950
Station																Day	of mo	nth										_					verage
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
ALBERTVILLE 1 S	MAX MIN			78 57	72 58	72 35	58 31	58 27	55 31	62 40	65 47	68 43	70 39	65	66	59	58	62	68 45	65 47	62 42	71 32	79	80 52	79 54	78 62	80 50	82 49	78 62	81 59	78 61		69.3 46.7
ALEXANDER CTY 6 NE	MAX		75 52	81 48	77 61	64 41	55 32	65 25	74 30	77 38	78 41	74 60	70 41	65 42	58 31	62 34	71 34	73 48	71 52	77 49	74 47	69 32	79 36	83 50	82 47	78 63	80 58	84 53	85 58	76 65	79 57		73.1 45.7
ANDALUSIA	MAX MIN		66 52	79 . 53	80 61	81 46	61 37	56 32	65 42	73 45	78 52	79 58	73 44	73 51	66	59 36	64 37	72 43	75 55	76 55	78 55	71 43	73 48	81 51	84 60	80 64	81 62	85 67	84 64	85 64	86 64		74.2 51.0
ANNISTON WB AIRPORT	MAX		73 51	80 52	74 46	56 39	51 35	63 29	72 32	78 40	79 45	72 54	66 44	54 36	56 29	60 32	72 30	73 39	70 51	78 50	67 39	67 31	75 40	84 51	83 48	77 64	78 55	85 50	82 55	77 58	76 59		71.0 44.3
ATMORE STATE ARM	MAX	65 49	76 52	81 56	80 62	67 44	60 36	66	75 45	78 46	80 51	77 61	73 45	72 55	60 41	65 37	73 40	75 48	78 57	80 55	80 54	74 45	81 49	83 51	82 59	80 64	85 62	84 62	84 63	84 62	85 59		76.1 51.5
AUBURN	MAX	61 39	57 45	74 49	79 56	71 40	57 32	52 29	61 33	70 40	75 43	76 55	71 41	68 43	60 31	58 33	6 33	69 41	71 50	69 49	77 49	69 34	67 41	78 47	81 48	80 55	72 58	78 56	81 55	83 58	74 59		70.0 44.7
BAY MINETTE	MAX		76 53	80 59	79 66	63 45	58 38	65 36	73 44	76 45	78 50	72 59	73 45	64 53	60 41	65 36	73 42	75 48	80 55	80 52	72 54	75 46	80 50	81 58	80 60	78 65	84 60	82 68	82 65	84 63	80 59		74.3 52.1
BELLE MINA 2 N	MAX MIN	60 44	74 48	77 58	77 59	63 35	53 31	61 29	74 34	76 52	78 52	77 51	68 36	62 34	54 26	60 28	70 31	71 47	71 51	72 48	67 37	70 31	70 40	84 55	90 62	81 62	75 45	89	85	82	74 63		72.2 44.0
BIRMINGHAM WB APT	MAX	56 45	75 55	81 57	76 45	58 38	52 33	64 27	73 35	79 43	80 54	71 50	68 41	54 35	55 29	60 31	73	72 47	71 53	77 53	66 41	69 34	79 51	84 58	81 60	78 64	78 53	84 52	80 61	78 64	72 61		71.5 46.7
BIRMINGHAM WB CITY	MAX		76 53	81 57	78 52	60 37	56 32	66 31	75 41	79 50	80 54	75 54	71 41	63 40	60 29	64 31	74 38	72 52	71 53	79 58	72 44	71 39	79 52	85 56	81 59	80 64	80 53	85 58	81 60	78 64	74 61		73.5 48.6
BREWTON 3 SSE	MAX	63	77 50	82 51	79 57	63 46	60 36	66 25	74 37	76 39	79 44	73. 54	74 39	71 51	60 42	65 31	73 31	75 39	77 55	80 51	78 55	75 36	79 42	81 44	80 52	82 65	84 60	83 64	82 61	83 63	78 59		75.1 47.5
CAMDEN	MAX	61 47	77	82 56	79 61	67 42	53 34	64 31	74 40	78 47	78 51	73 59	69 44	64 47	59 36	64 36	73 38	73 46	76 56	79 57	76 50	73 41	82 48	83 54	84 55	84 65	81 61	85 65	81 61	80 64	78 64		74.3 50.2
CAMP HILL 2 NW	MAX	62 45	75 47	80 50	78 55	61 40	53 30	64	73 32	75 41	77 44	78 55	68 42	63 41	60 31	61 34	70 32	72 45	72 50	71 50	67 48	67 33	79 39	80 46	81 50	76 50	75 52	79 52	83 50	74 58	80 61		71.8 44.4
CENTREVILLE	MAX	58 50	78 56	82 58	79 58	60 41	56 32	60 30	72 36	79 40	81 50	73 60	72 42	62 46	58 34	61 32	72 33	72 50	73 57	82 58	76 50	71 40	81 45	83	85	83 68	83 63	87 63	86 65	78 65	75 62		73.9 49.4
CHATOM	MAX	61 48	78 47	81 57	77 60	63 43	60 31	67 28	74 37	77 38	80 42	75 58	74 37	64 50	62 36	65 30	74 30	72 45	75 56	80 48	73 51	76 35	82 42	84 45	81 53	84 65	84 59	86 62	83 63	82 63	79 54		75.1 47.1
CITRONELLE	MAX	62 49	76 53	77	79 61	63 45	59 37	66	74 46	75 50	79 46	70 60	71 47	68 53	61 40	63 38	73 43	71 51	76 58	79 53	76 52	76 48	80 52	82 57	76 61	82 65	82 61	82	81 68	82 63	77 59		73.9 52.7
CLANTON	MAX	61 34	55 46	78 52	81 57	72 39	57 34	53 29	62 36	73 42	78 48	79 52	73 41	68 45	59 31	57 32	62 34	69 45	74 51	72 53	75 47	70 36	70 45	81 54	84 53	82 60	80 56	80 56	83 60	85 61	73 57		71.5 46.2
CORDOVA	MAX	60	74 48	8	82 57	66 38	58 32	63 25	76 30	79 40	80 54	78 54	76 36	66 40	56 28	63 34	74 36	74 58	70 54	78 42	72 39	72 31	73 43	79 58	85 64	80	79 52	85 47	83	80 60	78 58		74.0 45.2
DAYTON	MAX	70 47	78 50	83 52	75 61	64 41	67 35	67	74 42	79 48	80° 52	77 62	77 42	72 45	63 34	68 33	72 38	72 49	75 55	79 56	75 46	72 4	82 50	85 55	82 52	82 64	80 58	86 61	83 63	83 63	80 57		76.1 49.5
DECATUR	MAX MIN	56 45	74 50	80 60	76 45	55 37	51 33	58 31	70 38	77 48	80 54	73 54	63 41	60 37	52 30	57 35	65 36	72 52	70 53	69 52	64 42	66 36	72 53	82 57	80 60	78 63	71 50	80 51	79 56	76 62	73 62		69.3 47.4
DOTHAN CAA AIRPORT	MAX	66 48	80 54	85 53	80 60	62 45	56 38	64 33	73 40	79 43	80 48	77 56	74 47	71 47	61 40	64 37	72 39	77 41	69 55	78 59	73 50	74 45	82 46	84 49	82 58	77 64	86 65	84 62	84 62	82 63	80 62		75.2 50.3
EUFAULA	MAX	63 47	81	78 50	78 62	69 48	60 36	61 30	70 35	81 42	80 45	75 53	72 47	69 48	62 38	60 35	73 37	73 41	73 53	78 52	78 57	73 37	77 42	85 47	85 55	79 62	82 59	82 63	85 58	82 62	81 60		74.8 48.5
EVERGREEN CAA APT	MAX	59 47	78 43	82 49	81 48	60 42	58 34	66 30	75 36	77 39	80 44	72 46	73 42	64 43	59 39	65 35	74 31	74 40	75 56	79 53	71 43	74 37	81 41	83 44	81 52	83 64	84 58	87 65	82 61	82 58	76 56		74.5 45.9
FAIRHOPE	MAX	61	66 54	75 60	76 49	63 46	60	64 35	69 45	73 46	78 51	73 54	73 47	68 47	61 42	66 38	70 42	73 48	74 56	78 53	73 48	73 44	77 50	77 52	77 59	78 64	82 63	82 68	78 63	82 65	78 58		72.6 51.1
FAYETTE	MAX	62	58 47	75 57	79 59	75 36	58 32	55 27	65 31	74 39	78 51	80 52	70 35	68 40	55 28	57 28	62 28	73 44	70 50	73 51	76 37	67 30	72 44	78 53	84 55	78 63	77 45	78 45	85 59	80 60	78 56		71.3 44.1
FORT MORGAN	MAX	63 57	70 62	75 62	74 57	63 51	60 45	60 45	67 51	72 52	75 61	72 64	74 56	69 55	63 47	64 47	68 52	74 58	72 60	75 60	75 60	72 52	75 60		75 65	76 66	77 65	78 70	75 68	79 64	76 66		71.5 58.1
FRISCO CITY	MAX MIN	65 44	65 48	76 57	80 60	79 43	61 35	58 34	65 43	73 44	77 50	79 58	72 43	74 50	63 38	59 35	65 40	74 46	73 54	75 53	79 52	71 44	75 47	81 52	82 58	80 64	82 60	84 65	85 61	82 64	83 57		73.9 1 50.0
GADSDEN	MAX	62 35	56 46	74 52	82 59	76 38	56 34	52 25	64 29	74 38	79 47	80 55	71 39	65 40	52 25	55 30	60 28		74 50	71 45	76 40	65 30	69 38	72 44	85 53	83 62	80 49	80 44	86 59	82 55	78 60		71.0 42.9
GENEVA	MAX	65 42	75 52	82 49	85 54	82 50	65 38	59 32	65 35	80 40	82 44	81 51	79 46	76 50	74 41	64 37	67 34	75 38	78 52	70 55	80 57	76 39	78 42	84 44	85 57	82 62	7B 64	88 66	82 59	85 62	80 63		76. 7 48. 5
GOODWATER	MAX	62 34	54 45	75 50	80 58	70 40	57 33	51 27	64 33	73 42	77 45	78 56	73 44	68 45	56 30	55 33	60 35	70 43	74 50	71 51	77 46	68 36	68 42		85 49	82 58	77	80 52	85 60	85 59	74 56		71.0 45.0
GREENSBORO	MAX	60	77	81 55	76 57	61	59 33	65 31	73	78 46	81 49	76 55	72 41	63 44	61 32	67 33	71		75 55	79 56	72 47	74 40	81 50		81 55	81 63	81 55	85 56	84 63	77 64	73 59		73.9 48.7
GREENVILLE	MAX	60 47	79 49	83 56	80 61	72 44	57 36	64 35	75 40	79 44	81 48	71 61	71 46	64 51	59 38				74 53	77 59			83 46		82 55	85 65	83 61	83 65	80 59	80 63	79 61		74.7 50.5
HALEYVILLE	MAX	56 42	73 50	76 53	73 43		50 31	61 28	72 41	76 50	77 53	72 52	63 39	58 36	51 28	60 31	70 33			67 52		68 37	77 51		79 59	75 62	75 47	81 53	80 59	76 62	73 59		69.1 44.8
HEADLAND	MAX			83 48	78 61	73 49	57 37	64	73 40	76 45	78 49	81 55	72 46	69 52	60 40	64 36	71 38	75 43	70 54	71 59	72 57	72 43	79 47	80 49	82 59	75 64	84 63	82 65	85 62	85 61			74.7 50.6
HIGHLAND HOME	MAX MIN	58 46			75 51	65 42	57 34	63 35	74 41	78 45	85 53	73 59	70 43	63 50	58 36	61 37	72 41	75 45	69 51	77 57	72 50	71 46	82 43	83 51	80 57	82 64	82 60	78 63	75 63	75 63	78 63		73.0 49.8
HUNTSVILLE	MAX	54 45			74 45	53 35	49 32	60 27	72 34	77 42	79 52	68 46	65 37	50 32	52 27	56 27	69 30	71 48	72 51	71 45	64 37	63 31	65 50	82 50	81 56	79 55	74 47	82 45	76 56	73 62	66 62		68.3 43.8
LA FAYETTE	MAX	68	76	82	71	60	53	64	74	74 46	80 54	73	69 43	62 44	58 30	62 33	70 34	74 45	69 52	78 50	70 48	68 37	80 45	83 47	85 50	76 59	79 56	83 56	85 58	75 58	80 58		72. 7 46. 5
LINCOLN	MAX	60	75	81 52	79 45	74 39	54 36	64 26	73	78 39	79 44	72 55	68 41	59 42	60 30	63 30	72 28	73 39	75 50	76 40	65 38	68 32	73 39	84 50	82 56	80 62	80 53	85 50	85 49	77 57	80 52		73.1 43.5
LIVINGSTON	MAX	61 47				59 40	56 34		74	79 44	81 50	75 55	69 40	65 45	57 33	64 32	71 32	67 51	76 56	76 52	70 45	72 38	81 48	83 54	81 56	81 64	78 54	85 55	83 65	76 64	73 57		72.8 48.4

DAILY TEMPERATURES

ALABAMA

						_								~		Day	of m	onth												-		95
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30 31	Avera
LOCKHART	MAX	62				78 48	61 38	55 33	64 41	72 44	76 49	76 57	74 47	71 52	68 42	59 38	64	72 43	74 55	70 56	78 56	71 45	73 46	79 48	81 58	79	77	85 68	82			73.1
MADISON	MAX	62		74 55		76 36	55 32	50 32	61 33	73 44	78 54	79 54	66 39		51 30		58	71 34	75 52	72	70 42	64	69	67 58	83		77	76 52	85	77	74	69.2 45.7.
MARION JUNCTION 2 N	MAX	60	80 47		77	59 41	57 34	65 30	75 36	79 43	81 48	72	69 40		59 32		72 35	74 46	75 54	79 58	70 46	73 39	83 45	85 53	83 52	80	82 59	86	85	74	73	73.8
MAKWELL FIELD	MAX MIN	60 49	79 49	83 53	77 50	62 44	57 37	64 36	73 41	80 49	81 50	75 54	71 45	63 44	60 38		72 40	75 50	72 53	77 58	70 52	73 45	82 48	85 55	81 57	80	80 62	85 64	85 61			74.0
MOBILE WB AIRPORT	MAX	62 51	73 55	76 60	75 49	63 42	59 39	65 36	70 45	73 48	76 55	73 55	75 47	64 49	62 42	66 38	70 42	72 51	75 57	80 52	73 50	76 46	77 53	78 56	79 62	78 62	82 61	80 69	79 68			73.0
MOBILE WB CITY	MAX	62 53	72 58	74 62	73 49	64 47	59 40	64	69 51	70 50	75 59	73 57	73 51	64 50	62 43	65 39	70 43	72 50	76 59	79 56	74 56	74 48	74 58	74 61	75 67	80	81 63	78 71	77	83 65	77 61	72.1 54.7
MONTGOMERY WB APT	MAX	59 47	78 50	63 50	76 48	60 43	56 35	63 31	73 37	78 43	81 46	73 53	70 44	62 41	59 36	65	72 36	75 46	71 52	76 56	70 47	72 40	82 44	84 54	82 53	81 62	80 60	85 63	83	78 61	78 58	73.5 47.8
MONTGOMERY WB CITY	MAX	58 47	77 53	82 55	75 49	60 45	55 37	63 37	72 42	78 50	79 52	73 56	71 48	61 44	59 38	63 40	70 41	73 51	70 51	76 58	70 53	72 45	81 50	84 56	80 56	80 64	80 62	84 62	84	75 65	77 63	72.7
MUSCLE SHOALS CAA A	MAX	60 46	73 52	75 62	70 42	54 36	52 32	62 32	75 39	78 51	77 56	66 47	65 39	49	55 29	60 34	67 35	70 53	70 54	67 47	62 41	69 36	71 54	83 56	78 60	75 54	73 48	84 48	80 54	78 63	67 58	68.8 46.4
ONEONTA	MAX	63 35	53 44	74 53	80 58	75 36	56 32	52 25	63 32	71 38	80 45	82 54	69 40	65 37	52 27	55 30	60 30	72 40	76 40	70 50	77 40	65 32	70 43	72 50	85 56	81 61	81 52	78 47	85 58	80 58	78 59	70.7 43.4
OZARE	MAX	66 45	79 53	84 51	77 61	72 48	58 36	63 34	74 43	79 44	79 49	78 56	70 47	68 51	61 39	63 37	72 39	77 44	79 55	78 57	75 56	71 45	82 47	83 50	82 60	80	84 62	83 67	85 60	80 62	82 61	75.5 50.8
PRATTVILLE	MAX	58 47	77 48	82 50	76 62	64 43	55 33	65 31	73 36	79 43	80 46	76 60	71 42	62 48	59 37	64 38	73 38	74 44	71 52	78 57	70 51	72 40	81 42	85 51	82 52	79 65	61 60	85 59	84 59	75 62	78 57	73.6 48.4
PUSHMATAHA	MAX	65 42	50	82 50	82 51	74 41	60 35	58 30	65 35	75 40	77 53	80 57	73 40	71 47	61 34	59 34	63 32	71 47	65 54	75 51	78 46	69 38	72 51	84 56	84 58	81 65	81 57	81 60	85 62	82 66		73.3 47.7
ROBERTSDALE 7 E	MAX	64 48	74 53	77 59	77 61	69 46	59 38	65 35	71 44	70 43	78 50	72 54	75 45	71 52	63 43	67 36	70 40	73 45	81	80 53	77 54	73 43	78 47	78 50	78	79 58	82 61	81 68	78 65	82 67	79 60	74.0 50.7
ROCK WILLS	MAX	02 45	7.5 52	51 54	80 62	15 41	56 33	66 26	30	79 37	79 40	76 60	75 40	69 40	61 30	64	74 30	75 35	7.2 52	80	75 48	7 (33	36	81 51	64 53	61	84 58	85 51	58	54	80 54	75 J 44.7
SAINT BERNARD	MAX	60 43	52 43	73 54	78 59	72 36	54 33	50 26	62 32	73 37	78 41	80 52	67 37	63 37	51 28	52 30	57 30	70 43	71 49	71 48	75 39	64 30	70 41	69 51	84 57	79 61	78 48	76 47	85 57	79 58	75 59	68.9
SAND MIN STA FRM AP	MAX	53 43	70 48	75 54	75 54	55 35	49	59 27	69 33	72 43	75 44	70 52	61 35	57 35	50 26	56 28	66 29	70 38	66 51	72 47	62 41	63 32	66 50	72 48	80 52	77 60	73 49	80 49	79 61	74 60	76 60	67.4 43.9
SCOTTSBORO	MAX	64 43	74 48	80 51	74 46	50 33	55 28	62	73 32	78 38	79 45	68 55	66 38	58 36	55 28	59 28	71 30	74 42	73 53	77 45	67 38	67 30	67 41	81 46	81 51	79 61	78 40	84 43	78 55	75 50	71 62	70.6 42.0
SELMA	MAX	62 48	80 48	83 55	79 61	67 43	58 35	64 32	75 37	80 44	81 49	79 62	72 43	67 48	61 36	67 36	73 37	75 48	78 55	80 61	76 51		82 45	85 55	84 54	83 66	81 61	87 62	84 61	79 65	77 · 58	75.8 49.9
SPRING HILL	MAX	67 51	75 55	72 61	73 61	73 46	64 38	60 35	68 47	73 48	75 56	76 61	71 48	75 56	63 42	64 38	67 43	73 49	73 58		80 55			79 57	78 63	78 66	80 62	82 69	80 67			73.0 53.1
TALLADEGA	MAX	56 45	75 51	81 52	74 63	69 39	53 34	62 25	72 30	78 39	79 45	72 51	68 40	55 42	57 29	61 32	72 30	73 39	71 52	76 50				79 49	82 50	78 63	79 56	86 52	81 60	75 58	75 58	71.7 44.9
THOMASVILLE	MAX	59 47	78 52	82 58	79 50	58 41	55 35	65 35	75 43	78 48	79 52	71 58	69 45	60 46	57 35	62 36	73 40	71 49	76 57	78 53	69 49			84 55	81 59	83 65	83 60	85 64	81 62	80 63	75 57	73.3 50.3
TROY	MAX	60 47	63 48	77 54	82 61	76 44	59 35	54 33	64 43	72 49	77 52	77 57	72 45	70 51	63 37	57 36	63 41	74 44	74 53	67 55				80 51	83 58	80 64	77 62	83 66	81 58	84 61		71.9 50.1
TUSCALOOSA CAA APT	MAX	57 47	79 55	82 58	79 46	60 39	56 35		76 34	80 42	81 50	73 53	72 39	57 40	59 32	65 33	74 31	72 47	74 54					84 53	82 58	78 63		86 52	87 63	81 61	72 58	73.9 46.9
TUSEEGEE	MAX MIN	63 46	60 48	78 52	83 62	75 44	59 36	54 32	63 37	72 45	78 45	79 59	72 45	70 48	60 35	58 36	63 36	71 45	74 53					80 51		82 63		79 62	83 58	83 62	78 63	72.2 48.9
UNION SPRINGS	MAX	59 46	77	83 53	76 61	71 45	55 35	63 32		78 45	79 48	74 58	70 42	66 47	60 36	63 35	72 39	73 47	69 52							80 63			84 57	78 62	79 63	73.8 49.5
UNIVERSITY	MAX	56 45	77 53	82 59	77 46	59 39	55 35	66	75 36	78 45	81 54	73 53	71 42	56 40	67 31	63 34	73 36	68 49	73 54							78 63			85 62	78 63	71 59	72.9 48.0
VALLEY HEAD	MAX	56 42	71 41	79 57	74 53	55 33	57 30	60 28		76 36	77 42	69 55	69 34	58 31	53 25	55 24	69 26	72 38	65 51							78 61			80 48	78 53	71 61	69.2 41.0
WETUMPKA	MAX		76 49	82 52							80 48	76 62			61 36	66		73 46	70 52					0.0				0.0	83 59	75 62	77 59	73.3 49.1

Table 6									EV	AP	OI	RA	TIC	ON	A	NI) 1	WI	ND)											A.I		ABAMA 1950	
Cara																1	Day o	of mor	nth							_								
Station		1	2	3	4	۲ .	6	7	н	9	٠,٢,	1	O.	13	14	15	16	17	18	19	20	21	223	2	74	76	76	.77	. 10	29	50	٠.	Fig.	37.0
AUBURN	EVAP	1.18	.00	.16	107	15	25 103	22 77	.17	.20	.20	.23	.13	.23	.23	.24	.29	.24	.20	.08	.23 32	.35	.22	.27	.31	.13	.30	.21	.23	.23	.07		6.	
FAIRHOPE	EVAP	. 03	.09	.0.2 30	1.5 19	119	18 70	16 24	.18 26	.16	.17	.05	27	.12	.22,	.20	.09	32	.23	.26	.23	21 28	.20	.21	13	.12	.18	.14	.13	.10	.12		B4.	65



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AGRITULERAL REFERENCE DEPARTI

U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ALABAMA

MAY 1950 Volume LVI No. 5



ALABAMA - MAY 1950

A. R. Long, Section Director - Montgomery

Weather Summary

Temperatures this May ran moderately above normal, except for a few brief periods. There were no unusual extremes, but day-time temperatures were unusually low in the northeast on the 21st. The first half month was nearly as warm as the last half.

Rainfall was unequally apportioned among the different sections. It was light over practically all the Southern Division. In the Middle Division, monthly totals of seven or more inches were recorded at a number of stations over a strip extending from Choctaw County eastward to Autauga County, and in a few other localities, but in the southeast portion of this Division, rainfall was light. The average over the Northern Division was near normal, with some sections in the west having large amounts while rain was mostly light in the eastern Tennessee Valley area.

Showers were frequent during a period of about nine days which ended around the 3rd. There were then five or six days in which no important precipitation occurred. Beginning around the 9th and 10th, and continuing until the 21st, there were frequent scattered showers, but they were mostly light. There were, however, some heavy local accumulations. The remainder of the month was mostly fair, with a few widely scattered showers during the last four days.

Farm work progressed normally, but planting in the north was somewhat late, due to the wet soil during the spring plowing season. In this section, cotton planting was nearly completed by the middle of the month. The planting of corn in the north, and peanuts in the commercial area, was mostly finished by the end of the third week, and some early corn in the south was being laid by at this time. Harvesting of lupine seed, crimson clover seed, and oats, was in progress in the southern and central areas, potato digging near the coast was nearing completion, and cucumbers and sweet corn were being shipped from Baldwin County, during the last week.

Crops made good growth, and pastures were good. Boll weevils in large numbers made an early appearance in cotton.

LOCAL STORMS

On the afternoon of the 14th, a hailstorm in Pickens and Tuscaloosa Counties moved eastward from Ethelville to Peterson, along a 40-mile path about two miles wide. It was recorded at Reform in upper Pickens County from 4:20 p.m. until 4:50 p.m. Stones up to the size of "ice cubes" were reported at Reform, where a large portion of the property damage was done. Property damage was about \$50,000 of which about \$42,500 was by hail, \$7,000 by wind, and \$500 by lightning. Damage to crops was about \$500,000.

On the same day a hailstorm moved eastward from Maxwell Field to Mount Meigs, in a path about a mile wide and 10 miles long, passing over north Montgomery. Hail fell in Montgomery from 8:30 p. m. until 8:48 p. m. A few stones were reported up to the size of eggs. Property damage was about \$500. Damage to crops, mostly crimson clover, was about \$30,000.

Hail occurring in Russell County in the late afternoon of the 14th, caused slight damage to an airplane. Stones in this storm were 1/2 inch to 3/4 inch in diameter.

Lightning killed a 10-year old boy at Mathews Station, about 30 miles south of Montgomery, on the afternoon of the 14th.

At Midway, in Bullock County, at 5:00-5:20 p. m. on the 30th, a thundersquall damaged two barns to the extent of about \$200. Only an area about 100 yards wide by about 300 yards long was affected.

F.C.P.

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transferred annually to the Weather Bureau by the Corps of Engineers. These transferred annually to the Veather Bureau data for the Agriculture transferred about \$250,000 per year between 1940 and 1944, and nearly \$75,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year be provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

SUPPLEMENTAL DATA

ALABAMA NAY 1950

																				DAT TODO
	Wind	direction		Wind	speed p h		Relat	ive hum	idity ave	orages -		Numb	per of d	ays with	precip	itation			inset	
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30 a	6:30 a	12:30 p	6:30 p	Trace	.01–.09	.1049	.5099	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to st	Degree day
NNISTON WB AP	E	17	5.6	-	-	-	-	-	-	-	4	2	5	1	1		13	1 -	-	-
IRMINGHAM WB AP	SSW	12	6.5	47	w	2	87	88	56	62	3	4	3		1	1	12	69	6.9	0
OBILE WE CITY	st	19†	8.8	47	SW	15	91†	90†	58†	75†	4	3	1	2	1		11	62	5.6	0
ONTGOMERY WB CITY	ssw†	11†	5.6†	26	W	1	87†	87†	52†	66†	1	4	3	3	1	1	12	72	6.1	0
† AIRPORT DATA																				

COMPARATIVE DATA

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mpre r																	
		Temperature	9	Precipi	tation			Femperature	•	Precipi	tation			l'emperature		Precipi	itation
Year	Average	Highest	Lowest	Average	No. of days .01 or more	Year	Average	Highest	Lowest	Average	No. of days	Year	Average	Highest	Lowest	Average	No. of days
1884 1885 1886 1887 1888	73.2 69.9 71.5 74.0 70.8	98 96 95 99	41 34 38 40 35	2.50 5.86 3.48 2.81 4.12	7 11 6 10	1909 1910 1911 1912 1913	68.9 68.9 72.9 72.0 71.6	93 98 102 103 98	30 34 35 38 41	6.59 3.86 2.85 3.60 3.14	10 8 5 7 6	1934 1935 1936 1937 1938	72.2 73.1 73.6 72.9 72.9	97 96 97 101 99	40 40 43 40 42	3.91 4.39 1.91 4.30 3.48	8 7 5 8 8
1889 1890 1891 1892 1893	69.5 70.1 69.6 71.1 71.0	95 95 99 100 96	37 34 36 36 38	1.66 5.17 2.10 3.27 7.33	4 8 6 7 10	1914 1915 1916 1917 1918	71.8 74.5 73.5 66.2 72.9	104 100 102 97 100	40 42 40 33 35	1.04 6.34 4.31 2.37 2.51	3 8 7 5 4	1939 1940 1941 1942 1943	71.0 69.0 73.5 71.4 74.3	93 97 100 97 97	36 34 33 38 40	5.48 3.45 0.66 3.40 3.74	13 7 3 6 6
1894 1895 1896 1897 1898	72.0 70.1 76.0 68.9 73.7	102 98 100 97 101	34 37 49 32 33	2.37 3.89 3.45 1.51 0.89	6 10 6 4 3 3	1919 1920 1921 1922 1923	69.2 70.7 70.7 72.0 69.5	93 97 98 99 94	40 41 37 45 31	6.07 4.92 1.98 6.70 8.61	13 11 5 14 15	1944 1945 1946 1947 1948	73.2 69.5 70.9 70.5 72.4	98 100 92 93 99	31 31 37 33 39	2.89 3.29 7.47 5.93 3.18	6 8 12 10 6
1899 1900 1901 1902 1903	76.1 71.5 70.3 75.6 69.7	100 97 99 100 98	48 38 40 42 34	2.01 2.62 5.08 2.63 6.07	4 6 8 6 10	1924 1925 1926 1927 1928	67.9 70.3 70.4 73.1 69.5	94 99 99 99 99	36 33 39 38 38	4.22 2.33 2.99 2.55 3.66	9 5 6 6 8	1949 1950	72.9	98 97	45 50	4.07	
1904 1905 1906 1907 1908	69.9 74.7 70.0 68.4 71.7	99 99 97 92 98	37 44 31 37 30	2.95 5.37 4.82 7.78 5.26	6 1 11 9 1 12 8	1929 1930 1931 1932 1933	71.3 72.8 68.5 70.0 76.1	96 95 96 92 100	37 40 38 40 45	5.86 3.82 3.32 5.17 2.41	11 7 8 9 5	Period	71.4			3.95	

Table 2	7			Temperat	nte								Precipitati	on			MAY	1950
				1 1			No. o	Days					Snov	v, Sleet, Ha	úl	No	o. of Day	78
Station	Average	Departure from Normal	Highest	Date	Lowest	Date	Max, 90° or above	Min. 32° or below	Total	Departure from Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.01 or more	.25 or more	1.00 or more
NORTHERN DIVISION	1		-															
ALBERTVILLE 1 S ANNISTON WB AIRPORT EELLE MINA 2 N BIRMINGHAM WB APT BIRMINGHAM WB CITY	71.9M 72.9 72.7 73.6 75.2	3.0 4.3 4.1	90 92 92 91 93	26 25+ 27 26 26+	51 55 53 55 57	31 15+ 16 16 16	1 5 5 3 8	0 0 0 0	4.42 3.59 4.06 4.55 4.13	21 32 .60 .18	1.35 1.59 1.45 2.09 1.26	14 2 14 19 2	0.0 0.0 0.0 0.0 0.0			9 9 10 9	6 4 4 3 5	1 1 2 2 1
CORDOVA DECATUR FAYETTE GADSDEN GOODWATER	74.2 72.6 72.7 72.5 73.4	4.6 2.6 2.6 2.8	93 90 93 94 92	27 26 27 26+ 28	55 57 54 54 55	16+ 3+ 16 16+ 16	6 1 5 8 4	0 0 0 0	4.53 4.49 3.60 3.36 4.82	.55 .66 75 1.11	1.90 1.66 1.21 .79 1.88	20 14 20 3 3	0.0 0.0 0.0 0.0			8 15 13 13 10	6 4 5 6 5	1 1 0 1
HALEYVILLE HUNTSVILLE LINCOLN MADISON MUSCLE SHOALS CAA APT	71.5 71.7 73.0 73.4 72.4	4.0 3.2	88 92 93 91 90	26 27+ 26 27 24+	55 55 54 57 54	1+ 16 16 15+ 1	0 4 8 3 4	0 0 0 0	4.29 1.20 3.52 3.42 3.62	- 2.79 57 63	1.08 .39 1.30 .86 .66	13 19 2 14 12	0.0 0.0 0.0 0.0			13 7 9 11 12	6 2 3 7 6	1 0 1 0
ONEONTA ROCK MILLS SAINT BERNARD SAND MTN STA FRM AP SCOTTSBORO	72.7 73.9 71.7 70.3 72.0	4.2 3.8 3.9	92 95 91 88 93	26+ 26+ 27 26 26	53 54 52 53 55	16 16+ 31 16 17	5 9 4 0 4	0 0 0 0	5.25 4.13 3.79 2.99 4.14	.81 70	1.90 .97 1.40 .55	20 3 13 11 14	0.0 0.0 0.0 0.0			7 10 10 13 15	5 6	0 1 0 0
TALLADEGA TUSCALOOSA CAA APT UNIVERSITY VALLEY HEAD	73.5 75.6 75.1 69.7	2.9 3.8 3.3 2.5	92 95 93 90	27 27 26 25+	55 56 58 50	16 16 16 16	4 11 6 2	0 0 0	3.72 6.14 5.30	18 2.00 1.16	.85 2.26 2.16	2 2 2	0.0 T 0.0 0.0			12 11 10	4 5 5	0 2 2
DIVISION	72.8						!		4.05									;
MIDDLE DIVISION ALEXANDER CITY 6 NE AUBURN CAMDEN CAMP HILL 2 NW CENTREVILLE	73.4 73.0 75.8 72.6M 77.5	7.0	93 91 93 91 95	27 27+ 29 27 28	54 54 59 54 62	16+ 16 16 16 16	5 5 8 3	0 0 0	3.07 2.83 3.20 4.48 7.76	71 3.69	1.25 .90 .85 1.82 2.43	2 3 2 19 20	0.0 0.0 0.0 0.0 0.0			7 11 9 8 8	4 5 5 5	1 0 0 1 4
CLANTON DAYTON EUFAULA GREENSBORO GREENVILLE	74.5 76.0 75.5 75.5 76.8M	3.8 2.8 3.4 3.5	93 92 95 93	27+ 26+ 26 26+ 27+	56 58 57 59 57	16 16 18 16 18	5 8 11 7 9	0 0 0 0	5.18 7.22 5.64 5.23 1.89	1.34 2.02 .79	1.53 2.21 1.88 1.64	3 1 31 20	0.0 0.0 T 0.0 0.0			11 8 6 11	6 6 5 5	2 3 3 2
HIGHLAND HOME LA FAYETTE LIVINGSTON MARION JUNCTION 2 N MAXWELL FIELD	75.0 73.4 75.1 75.0 77.3	2.5 3.1	92 91 93 92 93	27+ 26 26 27 8+	58 57 58 57 61	18 16 16 16 16	7 5 5 6 13	0 0 0 0	3.72 3.17 5.36 6.28 4.72	.13	1.55 1.79 2.14 1.87 1.52	14 19 1 20 19	0.0 0.0 0.0 0.0			8 8 9 9	5 5 6 5	1 1 2 2 1
MONTGOMERY WB APT MONTGOMERY WB CITY PRATTVILLE PUSHMATAHA SELMA	75.7 76.2 75.3 74.2 76.4	2.8 4.4 2.4 3.5	93 93 94 91 94	27 27 27 27 27+ 27	60 60 58 58 59	18 16 16 16 16	9 6 7 4 13	0 0 0 0	2.85 3.72 6.56 6.05 8.38	12 3.23 1.62 4.65	.84 1.14 1.95 2.31 2.26	19 19 19 2 20	0.0 T 0.0 0.0			9 11 12 10 9	4 4 6 6 8	0 1 3 2 4
THOMASVILLE TROY TUSKEGEE UNION SPRINGS WETUMPKA	75.5 76.1 75.1 75.9 75.7	2.9 3.0 2.7 2.9 3.1	92 94 94 95 93	26+ 27+ 28 27 26+	58 58 58 58 59	15 18 18 16+ 16	4 9 5 9 7	0 0 0 0 0	2.90 6.41 2.49 2.54 3.02	- 1.36 2.82 43 - 1.00 53	1.26 2.17 .94 .67 1.23	2 31 1 2 20	0.0 0.0 0.0 0.0			6 6 11 6 9	3 5 3 4 3	2 3 0 0
DIVISION	75.3								4.59									
SOUTHERN DIVISION ANDALUSIA ATMORE STATE FARM BAY MINETTE BREWTON 3 SSE CHATOM	76.1 77.4 76.3 74.8 75.0	3.0	93 95 94 93	9+ 26+ 27 25+ 27	57 59 57 52 54	18 16 16 16 16	12 18 7 12 12	0 0 0 0	2.97 1.83 1.88 2.18 2.64	- 2.79 - 1.97	1.34 .75 .90 1.02 .85	14 22 14 15 13	0.0 0.0 0.0 0.0			8 4 5 5	3 3 3 5	1 0 0 1
CITRONELLE DOTHAN CAA AIRPORT EVERGREEN CAA APT FAIRHOPE FORT MORGAN	76.3 77.2 75.0 75.6 77.5	2.7 2.1 2.6	91 97 94 92 89	27+ 26 26 26 26 26	59 58 55 56 62	16 18 18 16 15	20 13 5 0	0 0 0 0	3.21 2.22 1.40 1.83 3.05	- 1.65 96 - 3.72 - 2.85	1.42 1.08 .70 .75 1.34	14 15 21 21 14	0.0 0.0 0.0 0.0			8 7 7 5 7	3 2 3 3	1 1 0 0
FRISCO CITY GENEVA HEADLAND LOCKHART MOBILE WE AIRPORT	75.8 76.4 77.0 75.9 76.1		95 96 95 93 92	28 27 27 28+ 26+	56 55 60 58 58	1 18 11+ 18 16	10 17 13 6 4	0 0 0 0	1.82 3.50 1.45 3.08 4.71		.56 1.08 1.00 1.61 2.28	1 21 15 15 20	0.0 0.0 T 0.0			9 7 3 4 7	1 5 2 3 4	0 1 1 1 1 1
MOBILE WE CITY OZARK ROBERTSDALE 7 E SPRING HILL	77.3 76.4 75.5 76.7M	2.9 2.9 2.6	92 94 92	26+ 28 26+	60 58 57	16 18 16	6 15 3	0 0 0	3.05 5.81 4.29 4.02	- 1.27 2.38 - 1.20	1.49 2.75 2.16 1.62	14 29 20 15	0.0 0.0 T 0.0			7 9 5 6	3 4 3	1 3 2
DIVISION	76.2	2.0							2.89	00								
STATE	74.4	3.0							4.04	.09								

Station		1	2	.3	4	. 5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	36	27	28	29	3.	31	
EVILLE ISON INON COTEL TOWER ERITA ERIVILLE I S	R R	.06	3.16	.10						.13	, 23	.03	.66	.10 .18 .72 .02	. 26 1.23 .19	1.10 .27 1.07	,04	.18		. 49	1.69	. 23	. 05					.04	.41	.35	.60		
XANDER CIY 6 NE CEVILLE ALUSIA ISTON WB AIRPORT		.11	. 07 1.25 T 1.59	.52						Т		. 44	. 22	.06 .95	1.35 .10 1.34	. 20	. 02	T		. 66	.26	T .12	.05 T					.02	.65		.68	.31	
LAND VILLE ENS	R	.65	1.65 .37	. 25							. 10	. 10	.18	2.98	.39	. 18	. 07		,18	.55	.77 .01 .82	. 23	.75					.03	.16			.20	
RE STATE FARM (RS SCS 10) (UGAVITLE	K	1.08	.60	. 90							.04		.36	T .40;	. 46	.50 .02 .10 2,87	. 10		.20	.58	.55	Т	.75 T					.12	.11	T		.02	
ON MIVETUR RICE	k	.06	12	. 15			.04	. 15	,07		. 65		.48	.02	.90	. 10			.20	. 25	.66	T .45	.62					.05 T	.02		-		
E MINA 2 N Y 8 2 SE IN (SLE)	E R	.15	.18	. 03			.04	. 18	.02		.14 .35 .18	. 30 T	1.17	.05	.61 1.45 .25 .12 .25	.52			.03	.29 .43 2.50 .36	1.64	.16	- !	-		- ,	- 1	. 10	- T	.02	- 49	.49	
INGHAM #B API INGHAM #B CITY OP TLY TOY 3 55F	7	.15 .07 1.20 .20	1.57	. 03 . 78 . 25					.05				.39 .27 1.08	.04	.04 .10 1.30 .34	.01 .08 1.60 .52	. 30		T	2.09	.75	T T	T .50 T			Т		T T	.04		.23 .10 .10	.17 1.68 ,21	1
GLPORT 2 * THIGH RA		T . 46	.44 1.45				. 09	.30		. 05	T .20		. 78	.01 1.75 .35	. 42 . 03 . 62	. 74	. 20 . 18		.28	Т	T .67	.50	.14					Т	.37			1.21 .44 .28	
BELL 2 No BON HILL EL PROVE	ŀ	.30	.26 76 .10	. 94	т				.42	. 19	т	. 16	.08	.60	. 15	. 24	. 24		.14	.36 1.82		1.15	.02				.13		.07		.26	.11	
DERSELL:		. 18	.52	1.30								.40	.05	.85	.20	.34		.02	.05 T		2.43 .33 1.23	.10	T .04	.05			.02	Т				,60	
TON SE OPEINGS INSVILLE		.05	. 08	1.53	. 08						.07	. 36		.28	.21	.83 1.20	.04 1.06			.50	.32	.84	.25					.49	.06			.11)
MBIA OVA VILLE		T 50		1.41										.30 .06 .20	. 26 . 16 . 08		.12		.57		1,90 .12 2.34		.14	. 03					.30 .05 T		.08	.03	
VICLE NO 2 TILLE ON IUK	,	.43	1.14 1.79 .11 1.15 .04	. 08	т			. 01	1.32		.28	. 22	.16 1.46 .13	.07 .03 .68	.87 .19 1.66	.12	. 06			2.30 T	T _63 2.00	.05	.15						,02		.26	.03)
ILR NO L FIR SUBSTAIL N FOLEN LAK 4 AN (AA AIMBERT	7	.48 .42 1.90	.06 .06 1.34	. 05 . 07 . 95					.11	.08	.15	. 22	.01	.43 .58	.98 1.63 1.02 .62	.40 .19	9.0	.02		Т	.78 .62 1.60	. 10	.02				T		.01		4.5	.17	
D JULA AUT GREEN VAN AUT	2	.15	1.15 1.15	1.48 .27 .90							.10 T	.35	.08	1.25 T .25 .06	.53	.02 .21 1.26	.28	т		т .	.99 .47 .07	.70	. 12				T	т	T	1.55	,45	,30 1,88	
() 3 NF VILLE > (Y 6 Na Æ1		.39	.50	.09					. 55		Т	٠	2.50 T	. 69	.25 .28 1.00	.43			.18	.57	.36 .50		. 02						.05			.30	
TOTAL AND A ENCE AT LOCK THOUGH	7	. 26 . 01 . 76 . 35	. 28 . 47 T	. 83				. 06	. 00			. 14	.15 .48 T	.02	.34 .51 .89 .82	.10 .04 .16 .20	.96			. 04	.16	.03	.06 T					.28	,11		.10 .58 T	.02 .11 .40	
CO CITY DEN ESTILAE	Ž	.04 .56 .03	.23	.54 .09 .79							.07	T .44	. 24	.68	.22	.12	.10			T	.30 .18 .43 .45	.02	.06	T				.21	T .05	,16	.04 T	.61	
EN SIL.	7	.12		1.88						Т	.56			1.23	.19	.14 .84	.31				1.15 .53 .83 1.13	1.08	.06					.29	.03			.27	
N SOORO NVILLE NVILLE NO 2 SHORES 2 N 1	н	1,32 .56 .52	,65							,65	, 05		.05	.12 T	.08	.03	T . 23	.08	.09	.03	1.64	.61	.18	-	-	-	-	T -	- '	-	-	-	
ERSVILLE REP EAR VILLE LAW IVILLE I TON	F Z	.02 .20 .32	.58 .06 T	. 24					.02		.13	.06 .38 .19	٠	.65	.84 .64 1.13	1.79 .45 .18 .27	. 04			. 40	. 74 . 78 . 50	.42	.04					.01	.18	.36	.19	.02 .49 .17 T	
INBURG + SE FVILLE LANC NA LAND HOME		.74 .45	.83							Т				.48 T	.15 .78 .40 .24	.92 1.00 T	Т	.05 T	Т	T . 30	.90 1.40	. 15	. 32			Т	Т				.15	.24	
TEMEN STRAGA		.31 .54 .27	.41 .28 .03	1.68			T	.01	. 08		.20	.08	.41	1.82	.22	.05 .31 .14	Т			. 39	.18 .86 .27	т	.30					.31			T	.60 1.30 .52	
N NBOALS		.15	.23 .71 1.79	.31 1.38 .08 .46					.11	.10	.19	.07	.10	.43 .37 .21 .08	.26 .22 .31 .08	.52	T	.10	.10	.04	.30	. 04	.10					. 22			.65 .49 .72	. 54	
A		.01	1.09 .71 .03	2.29 1.29 .90							.07	.10 T	.23 T	.31	.18	.07					.67 1.57 .40		. 25 T	.07			. 10	.90	.15		.17	.39	
N 17		2.14	. 24	1.28							.07		. 22	.12	. 10	1.61	1	- 1			1,37	. 10	.29 .60					. 10	т		.15	. 23	
- A (V (V) (V) (V)	ż	.33 .07 3.23 .77	.06	.10 1.50								.35	.06	.31	.86	.36	.05	T		. 66	.69 1.14 2.34	14	. 20										

See reference notes following Station Index - 65 -

Station																Day	of m	onth												v.q.			tal
Diadog		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	- ^C
MARION JUNCTION MARION JUNCTION 2 N MARTIN DAM MAXWELL PIELD MELVIN		.95 .35	1.10 .92 .86 .08	. 18						,30 T	.30 .04 .05	.11	T . 21	.03 1.17 .13	1.23 .09 .13 .80 .67	.01 .18 .04 18	.16	, 85		08	1.67	60 .86 .25	. 21 T					Т				. 25	6.3 6.2 3.9 4.7 4.1
EERTZ 3 E GIDWAY GILLERS FERRY GILSTEAD GITCHELL DAM	R	. 23 . 45 . 94 . 36 . 03	.65 .26 .72 .74	. 13							. 45			. 75 . 83 . 10	. 23 . 29 . 30 . 14	.02 .05	T .04		. 28	. 11	.09 1.26 .72 2.68	1.50	.34						.28		3,21	.08 T	4.2 5.5 4.0 3.0 7.1
MOBILE WE AIRPORT MOBILE WE CITY MONTE SANO MONTEVALLO MONTGOMERY WE APT	Z	T .03 .34 .96 .82	, 27	1.24						Т	. 05 T	. 10	T T . 10	.13 .03 .35 1.42 .11	.71 1.49 .46	.92 .60 .20		. 04		.84	2.28 .10 .49 1.05 .04	.55 .77	.01 T	т			1	1		.03	.11 T		4.7 3.0 3.3 6.9 2.8
MONTGOMERY WB CITY MOULTON FUSCLE SHOALS CAA A MEW BROCKTON MEWBURG	Z R	. 67 . 07	. 04	.17			T	. 21	.13	.01	.32	. 06	.18 1.99 .66	.09 3.18 .62	.61 .71 .56 .24 2.80	. 56 . 16 . 53 . 10	. 02	.16	٠	1.14	.03 .30 .55	. 23 . 28 . 05 . 35	.06					.08			T .12 .38	.03	3.7 7.3 3.6 1.6
TÉW MARKET IEWTON IEWTON IEWTONEONTA DRAYILLE DZARK		.06	. 25	.19 1.55 .33					. 43	т	. 40	.02		.97 .04	. 27	.06 .32 .88 .60	. 03				1.90	1,67	,08 2,03 ,18						.30	2.75		.41	3.5 2.0 5.2 5.9 5.8
PAINT ROCK PALMERDALE DENNINGTON LOCK 2 PERRYVILLE PETERMAN	R	.12	2.45	1.66 .93 1.22		. 03						. 03	. 51	. 27	.62 .24 .40 1.33	. 74	.46	. 17		.51	.45 1.78	. 08	1.02					.04			.01		2.3 3.7 7.0 7.2
PICKENSVILLE VINE HILL VINE LEVEL VLANTERSVILLE VLEASANT GROVE SCH		2.01 .45 .10	. 50	3.00 1.02 .15 1.10					. 58		. 08	. 21	.11	. 20	1.04	1.23	. 65		.35		.38	. 10	.50 .90						.65		.29	. 13	4.5 2.9 4.8 4.6
LEASANT HILL PRINTVILLE PRINTOSE FARM PUSHMATAHA LED BAY	R	.12	1,30 * 2,31	-	-	-	-	-	. 27	-	.07	-	.09	.05	-	1.57 .16 .33	.37	.17	-	1.95	.38	. 45	. 05	. 21	~	-	-	-	. 25	-	28	.30	6.5 2.6 6.0 4.8
EFORM LIVER FALLS LIVER FALLS 2 NE LIVER FALLS 2 NE LOCK MILLS	R	* T	.93 T	1.34 T					. 41		. 04	. 49	.12	. 21		1.15	.63				.47	. 13	.38 .06 .04					.37	, 20		T	42	5.5
AINT BERNARD AND MIN STA FRM AP AYRE COTTSBORO COTTSBORO SUBSTA		.50	. 16 . 55 . 08 . 67	.30 .46 .45 .05	. 03						. 03	. 11	. 30	1.40 .13 .07	. 47 . 26 . 07 . 68	. 48 . 08 . 09 . 08	. 22			.02	.32 .18 1.13	. 13	.34						.03	,43	.14	T T	3.7 2.9 2.2 4.1
ELMA HEFFIELD TVA NRSY HOEMAKER SPRINGS LOCOMB NOW HILL		. 28 1.10 . 53	1.79 .02 .05	.45				. 12		, 23	. 27	. 02	. 27	T o	1.10	.41 1.12 .42 1.98	. 26		Т		2.26 .36 .30 .58	1.60	1.00		.06				*	.92		.54	8.3 4.8 3.4 4.5 2.8
OUTH HILL PRING HILL UUTTLE WAIM LYLACAUGA		.02	.07 1.42	.95 1.21 .11 1.25	. 04				1,20		. 21	, 06	. 16	.86 .11	.10	.38 1.62 .29	, 63		.48	73	.52 2.80 .35	, 96	.08 1.06 .08 .12		Т				,36		T .12	05 1.44 .14	3.2 4.0 8.2 4.3 6.3
YLVANIA ALLADEGA ALLADEGA HRN MT TR HOMASVILLE HORSBY 1 SW	10	.03 .22 .55	.85 .58	. 77 . 67 . 26						т	.04	.10	.51	.51	.28	.16 .14 .01	.08			. 82	.54 .20 1.75 .05	.42	. 15		. 07						.19	.22 .08 19 .01	
THURLOW DAM ONEY RAFFORD TROY TUSCALOOSA CAA APT	R Z Z	1,65	.77	.07							. 85	,38	. 25	. 28	.12 .41 .15 .47	.03 .40 1.25	.13			.40	.73	. 05						.05	.80		.11	.22	2.3 2.5 3.0 6.4 6.1
USCALOOSA LCK DAM PUSKEGEE INION SPRINGS INIONTOWN INIVERSITY	z		1.62 .41 .67	1,97 .05 .17	Т						.02	. 20		. 31 T	.13	.06 .19 .56	.06	. 04		. 85	.51 .48 .46 3.57	. 27 T	. 03						.06	.60		.18 .03 08	5.7 2.4 2.5 5.9 5.3
ALLEY HEAD ANCE ERNON VALEY VALEY	R	.56 .29 .20	1.47	.11							T .46	. 05	. 30	.10 .24 .40 .03 .35	.10	, 15	-			1,24	.61	. 25	-					.44			. 13	.14 86	5.6
VALNUT GROVE VATERLOO VEST BLOCTON VETUMPKA		.18	- 1.91 .80						. 05			, 23 , 30 . 16	1.10	.72	. 28	. 27	. 05		. 10		1.00 .40 1.20 1.23	, 30	.12 T	, 10				.15	.48	.41	.03	.27	6 9 3.0
HATLEY HEELER DAM HITFIELD LOCK 3 IDOWS CREEK STM PLT ILSON DAM	z	1.08	1.75 .24 .02	. 05				.02	. 03		T .10	.07	.96	. 02 . 40 . 05	. 41 . 90 . 23 . 24 . 82	. 46	.05			. 04	. 24	. 26	. 09		т			, 54	.86	.07	.78 T	.03	4.7
INFIELD 2 SW ATES HYDRO PLANT		.34	.07	. 39							. 07	.40		. 79	.34		,17				.60	. 20							.21			20	4 3

Station						24. 19	I. Hour	andil	Ą								F. D	a. riou	r endu	ug				
					4	'n	ь	7		*	1	ì	2 1	2	2	-1	5	6	7	8	9	10	11	12
													-lst-											
DDISON										. 01	. 01	. 01	101							1 :				
NNISTON WE AIRPORT SHLAND	6		8	9 01	0.1	*		07													6			
UBURN SCS 10				.01	01															11	i kes	+ 3		
LGREEN																05						61		
XAR 2 SF												.01				116	13	02	04					. 01
RMINGHAM WB APT																	. 0	0.8	0.7					
DAZ AMPBELL									.01	.01							.26	27	19	13	.03	o.l	.01	
DEVILLE NO 2																			1	33	.06			
MAW LOCK NO 7 FRGREEN CAA APT	ь						,		.01)1			.02 .01	01	. 03	. 94	.10	01				*	4	
AT ROCK			.01																					
RT PAYNE RDEN CITY		. 01	, 01															01	0.4					
EENVILLE NO 2			. 01	.01														174	0.9	15.	21	-1		
NTERSVILLE REC				.01	. 02		. 01	01														0.2		
VISVILLE	6	02		. 01	. 02		. 01	01																
CKSON LOCK 1									. 01	.04							03	49	3.1	111	- 1			
Y DAM																		10	82	1.5	1111			
GNOLIA												.01		.01	.06	1.34	1 15	10	15	(5)		11		
RION 1 SSE DWAY			0.2		01			.05	.02	.01		.01								26	16	,111		
BILE WB CITY																			+3					
NTGOMERY WB APT NTGOMERY WB CITY	6	. 03							. 01						+	*	*	01	0.6 4.3	17	15		•	+
SCLE SHOALS CAA A	6	01							*				+ .06					17.1	40	1.7	10			
INT ROCK								.05										6.2	0.0			16	.01	
TERMAN EATANT HILL								-								0.5		01	36	1%	0.1			. 03
ORSEV 1 SW																		35	1 13					
AFFORE SCALOOSA CAA APT	b	28																	1 53	43				
IIVERS 1TY	(1)	20			01		.02									16	7.5	4.5	0.4					
DOWS CREEK STM PLT		. 05	.01											03	01	21	0.4							00
DONS CREEK SIR PLT		.05	.01																					. 02
													-2d-											
DISON									.01		0.1	06	02 .02	01	03	01	,)1							
NISTON WB AIRPORT	6	.35										00	02 .02		4		*	*	b1		6	F		
BLAND	//			.02	. 01				10	3.43						81	15	0.1	19	. 20	18	0.7		.01
IA, RYFN RRY									.12	.13	.10	10	U4 . 02	1 4	0.6	09	0.6							
VAR 2 SE								.04	.08	14														
RMINGHAM WB APT									. 01				01		52	62 70	*	28	12		(.9			
MPBFLL.														20	04	.01	0.1							
PEVILLE NO 2					0.1			.01	. 01	01		150	11 01	(1.4		02	32	0.8	0.5	0.5	57	0.5		
TAW LUCK NO 7 ERGREEN CAA APT		. 05			.01		. 01		. 01			0.6	13 .64	0.1	0.1									
AT ROCK																11	20	1.2		04				
HT PAYNE RDEN CITY														06	18	05	01	05	01					
INTERSVILLE REC															1.4	22	21	01	0.1					
ALFYVIII F	e.	0.5							. 05	()(5)	999	02	01	01	()4				0.0					
CNISVILLE CKSONVIL'E	6	.05							*				* .03	*	۰	42	13	02	0.9	10	. 4	()4	02	
AT DAM															6.5	0.5	62	33		0.1				
MOLIA LOWAY				.01	. 01					(1 -	01			25	28	03			10	10				
NILLOWERY WB APT	6	.76			. 01						1			6.	4		4		0.6	. 41				
NI HOMERY AB CITY				0.1					00		() ()					13.49	0.1	0.5						
TYL TON INT. ROCK									. 03		0.3					07	0.2	04						
TERMAN			01		⇒1																			
ORSBY 1 SW			.02	.02										87 10			0.2	-113	1 1	. 64				.02
AFFORD									+ 1				.1	4.47		59	20	0.85	11,2	.01				
OY	6												* *	4			*	+ 07	1 95					
SCALOC: A CAA APT	6										0.5	.01	* .31	15	1 15	07	(13	30	30					
RNON									20	(× s	92	.01	.02 .03	13		0.1								
DOWS CREEK STM PUT															0.8)6	0.6	0.2		.02				
													-3d-											
MICON											(.)	0.0	Ju											
DDISON WNISTON WB AIRPORT	6	.78									01	.02												
HLAND	//					1,	α_1^*	04																
EXAR 2 SE				.03					. 01	4.5	9.1													
RMINGHAM WE ATT			*	.00	.48																			
DAZ				01	.02				.01															
AZ DEVILLE NO 2		0.4	0.4																					
AZ DEVILLE NO 2 RT PAYNF RDEN CITY		21	.21	.01		.01	.02																	
AZ DEVILLE NO 2 RT PAYNF RDEN CITY CKSONVILLE		21			.05								.02 .01	.01										
AZ DEVILLE NO 2 RT PAYNF RDEN CITY CKSONVILLE GRSBY 1 SW		21		.01	.05																			
AZ DEVILLE NO 2 RT PAYNF REPAYNF CKSONVILLE DRSBY 1 SW		21										_	-5th-											
AZ DEVILLE NO 2 RT PAYNF RDEN CITY CKSONVILLE GRSBY 1 SW		21																						
AZ DEVILLE NO 2 RT PAYNF RUEN CITY CKSONVILLE GRSBY 1 SW IV-RSI: Y		21								. 01	. 01		OLLI											
AZ DEVILLE NO 2 RT PAYNE RUEN CITY CKSONVILLE GASBY 1 SW IVERNEY		21								. 01	. 01		O LLI				. 03							
AZ DEVILLE NO 2 RT PAYNE RUEN CITY CKSONVILLE GASBY 1 SW IVERNEY		21								. 01	. 01						. 03							
MAZ DEVILLE NO 2 NOT PAYNE RUDEN CITY CKSONVILLE GGRSBY 1 SW INFREITY THEMAN		21								. 01	. 01		-6th-				. 03							
DAZ DDEVILLE NO 2 DRT PAYNE RRBEN CITY CKSONVILLE GRRBY 1 SW STYWERSTY TAM LOOK SO 7		21						. 01	.03	. 01	. 01						.03							
DAZ DEVILLE NO 2 DEVILLE NO 2 DET PAYNE REDEN CITY CKSONVILLE GRASHY 1 SW TYPERS ET Y		21						.01	.03	.01	, 01	-	-6†h-				. 03							
TRMINGRAM WB APT DAZ ADEVILLE NO 2 ORT PAYNE ARDEN CITY COKSONVILLE HORSBY 1 SW NIVERSITY CHAS LOCK NO 7 FEFFEMAN		21						. 01	.03	. 01	. 01	-												
DAZ DAEVILLE NO 2 DRT PAYNE HATELE NO 2 DRT PAYNE HATELE NO 2 HATELE NO 2 HATELE NO 2 HATELE NO 2 HATELE NO 7 HATELE NO 7 HATELE NO 7 HATELE NO 7 HATELE NO 7 HATELE NO 7 HATELE NO 7 HATELE NO 7 HATELE NO 7 HATELE NO 7 HATELE NO 7		21						. 01	.03	.01	,01	-	-6†h-			1 5	. 03			,4		13		
DAZ DAEVILLE NO 2 DRT PAYNE RRDEN CITY CCKSONVILLE HORSBY I SW NIVERSITY VIA* LEEK NO 7 FTHEMAN FGREIN ELGREEN EXAR 2 SE		21						. 01	.03	.01	,01	-	-6†h-			1 5			46	-1				
DAZ DEVILLE NO 2 PAT PAYNE REDEN CITY CKSONVILLE FORSBY 1 SW NIVERSITY STANDARY CLERKIN ELGREIN ELGREIN ELGREEN EXAR 2 SE LLEYVILLE TO TO THE SE		21						. 01	.03	. 01	.01	-	-6†h-		- 11	1 5			4%	-4				
DEVILLE NO 2 PRT PAYNE REDEN CITY CKSONVILLE GIGRSBY 1 SW TV-RNITY TAKE LOK NO 7 THEMAN GIGREN ELGREEN		21						. 01	.03	.01	,01	-	-6†h-	7.0	- 11	1.5		1.2	+5	.1				
DEVILLE NO 2 PRT PAYNE REDEN CITY CKSONVILLE GIGRSBY 1 SW TV-RNITY TAKE LOK NO 7 THEMAN GIGREN ELGREEN	5	21						. 01	.03	.01	,01	-	-6†h-		-	1 5			4%	-4				
DEVILLE NO 2 PRT PAYNE REDEN CITY CKSONVILLE GIGRSBY 1 SW TV-RNITY TAKE LOK NO 7 THEMAN GIGREN ELGREEN	5	21						.01	.03	.01	,01	-	-6th-	1 6	-1	1 5				-4				
DAZ DAEVILLE NO 2 DRT PAYNE HATELE NO 2 DRT PAYNE HATELE NO 2 HATELE NO 2 HATELE NO 2 HATELE NO 2 HATELE NO 7 HATELE NO 7 HATELE NO 7 HATELE NO 7 HATELE NO 7 HATELE NO 7 HATELE NO 7 HATELE NO 7 HATELE NO 7 HATELE NO 7 HATELE NO 7	5	21					.01		.03	.01	,01	-	-6†h-	1 6		1 5		12	425	.1				

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Cianon		1	2	3	4	5	6	7	8	9 .	10	11	12 .	1	2	3	4	5	6	7	8	9	10	11	12
JSCLE SHOALS CAA A	6	.04						1																	
													-9t	h-											
BBEVILLE AMPBELL														.12	.06	.01					_01	.12			
OTHAN CAA AIRPORT UTAW LOCK NO 7												. 01	.01		. 02	.01	. 04	. 02	. 07	.01					
ONTGOMERY WB CITY										1			i			1									. 01
												-	-10t	h-											
ERRY EXAR 2 SE										-				,	*	* 1	*	.18							. 35
UTAW LOCK NO 7 ORT PAYNE					. 01	.01	.18	. 01	.01												. 34	. 02	. 01		
UNTERSVILLE REC		.02	. 01	. 01	. 19	.01	. 01						1				. 04	. 68						*	*
UNTSVILLE AY DAM	6		. 02	. 01	, 02	. 01	.01						1			*	*	*	*	.02	. 02				. 07
OULTON		. 24						. 06					1			1	. 02					0.1			. 01
HORSBY 1 SW ONEY RAFFORD				. 66	. 09					.12	. 21	. 05					. 10			.06	. 15	. 01			
USCALOOSA CAA APT	6	1								.12	. 41	. 05									+	*		*	*
ERNON IDOWS CREEK STM PLT		. 09					. 01																	. 20	. 26
													-11t	h-											
DDISON	-		. 01	.01				. 01					111												
NNISTON WB AIRPORT	//	.02	. 06	.01	. 01	*	*	.03																	
ERRY DAZ		. 29	. 01	.15	. 31			. 01	. 01		. 01														
LAT ROCK ORT PAYNE		1						.11			. 03		1					. 18	. 03						
ARDEN CITY ALEYVILLE		. 26	.07	. 02	. 01	. 01	.12				P														
ACKSONVILLE AY DAM		.01			. 02	. 66	.03	.01	. 01																
USCLE SHOALS CAA A	6						. 03						1								*	*	*	*	*
HORSBY 1 SW RAFFORD		. 01	.03							.01	. 01														
USCALOOSA CAA APT ERNON	6	.08	*	*	*	*	*	.04																	
DOWS CREEK STM PLT							. 02	. 07	.01																
												-	-12t	h-											
DDISON NNISTON WB AIRPORT	6									.01	. 01		. 05	.10	.03	.01	.01	.09	.10	.01					
BHLAND BURN SCS 10	//										. 05		. 01		. 26	.13	.02		. 07	. 20					
ELGREEN EXAR 2 SE						.10	. 25	.01	. 01	01	.06		. 02	.10	.01	. 08	. 60	.30	.04	0.1					
IRMINGHAM WB APT							. 20	.01	.01	.01	. 01		.02	.05		.10	.02	. 50		. 01	0.5	0.2	. 16	.01	
AMPBELL ADEVILLE NO 2												.01	.02	. 31		.02	.01	.17		.01	.00	.02	. 07		
UTAW LOCK NO 7 VERGREEN CAA APT	6											.00	. 01	. 03	.01	.01	.01	*	*	01			.07		
LAT ROCK													.01	.11	*	*	*	.02	.01	.01	10	0.0			
ORT MORGAN ORT PAYNE	//										.16		.01	. 27		.03			. 01	. 03	.10	.03			
ARDEN CITY ALEYVILLE									. 01	.07	. 01	.08		. 26		.38	.02	. 54	. 32	.03	. 08				
UNTSVILLE ACKSONVILLE	6								*	*	*	*	*	.10	*	*	. 09	.01	*	. 20	*	*	*	*	*
AY DAM AGNOLIA											. 02					.01		.05	. 01	. 01					
ONTGOMERY WB APT	6														*	*	*	.11	. 07	. 57					
DULTON USCLE SHOALS CAA A	6	.06								.08	. 30	1.01			. 30	.09	, 01 *	.01	.19	. 08	*	*		*	
AINT ROCK HORSBY 1 SW														.13		.09	. 23							.02	.14
ONEY RAFFORD								.05					.20			_	_	~	_	_	_	_	_	_	_
USCALOOSA CAA APT NIVERSITY	6								*	*	. 06	. 09	.12	. 20	*	*	*	*	*	. 13					
ERNON IDOWS CREEK STM PLT					0						. 07	. 21	.17	.01		.05									
BBEVILLE		t										-	-13t	n-											
DDISON NNISTON WB AIRPORT	6														*	*	*	*	*	.04	.10	.02		.01	*
SHLAND TMORE STATE FARM	//	. 01		.01	. 01														.01	.05	. 01	.04	. 07	.03	
UBURN SCS 10 ELGREEN																İ				.01	.02	.04	.02		.02
ERRY EXAR 2 SE																		. 03	.02	. 02	.97	.75	10	.06	. 01
IRMINGHAM WB APT OAZ									. 01		. 01					i			.01	. 01	.01	.01		. 01	. 01
AMPBELL ADEVILLE NO 2							. 01	.01	. 01	. 02	. 71		1	. 57	.04	.01	.05	. 21	.04			.02	. 03	, 01	. 51
OTHAN CAA AIRPORT UTAW LOCK NO 7										.02			1	0.4	0.5	1.0	0.2		1.0	00	. 01	.02	. 03		.01
VERGREEN CAA APT	6		0.1		01		1.0		01					.04	. 06	*	.02	*	*	.09	*	*	*	٠	*
ORT MORGAN ORT PAYNE	//		. 01		. 01		.14		. 01										0.0	0.0	00		.01	. 03	. 05
ARDEN CITY REENVILLE NO 2																	. 02	. 01	.01		. 06			. 05	
ALEYVILLE UNTSVILLE	6	.01			. 01°	. 01	. 01												. 03	. 04	, 36	. 01	. 03	. 06	. 01
ACESONVILLE																.07	. 02	.17	.15	.03	. 02	. 03	. 04	. 01	. 06
				. 01	.01	.01			.01		0.5		0.0		. 54	.02	. 01	.07	.02	.02	.01	.05			
AY DAM AGNOLIA											. 01		. 02		. 0%	.04	. U.L								
AY DAM AGNOLIA ARION 1 SSE IDWAY OBILE WB AIRPORT		-	-	-	-	-	-	-	-	-	. 01	-	.02	.05		.01	. 02	.02	.00	, 0 1	. 70	.11	. 01	. 01	

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Table 4-Continued						-	пО	Un	LI	Ph	EC.	IPII	AI.		ł											1950
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Station			-						-				-			T					, 9					į.
		1	2	3	4	5	6	7	8	9	10		12		2	3	4	- 1	6		**	9	**	:1	L	p. #
MANUSCHURT WA ARR																										
MONTGOMERY WB APT MONTGOMERY WB CITY	6														*	*	.01	.06	4	.09	. 01	0.1	*	۰	*	(19
MUSCLE SHOALS CAA A	6	.02						.03			. 04									. 07	1.03	5.3	.37	45	66	3 18
PAINT ROCK PETERMAN																		.04	. 01	.07	03		06	0.8	13	27 15
THORSBY 1 SW TONEY		.03	.03														.02	.04		. 02	05	01	0.9	0.3	0.4	20 27
TROY TUSCALOOSA CAA APT	. 6																			.09	.06	29	01	0.5	0.4	45
UNIVERSITY VERNON										1					-	.06	.01		.02	. 08		•				09
4 DANON													2.4.	,				. 01	. 02							03
		(-	-14t													
ABBEVILLE ADDISON		.01	.01	.01		.02	. 09	.01		. 01			. 36	.02		.01	. 01				. 09					40 26
ANNISTON WB AIRPORT BELGREEN	6	.15	.10	.01					.02		. 05	.02	. 01						. 30		0.5	•	٠	٠	٠	61
BERRY BEXAR 2 SE		.03	.01	. 02	.01		. 01					.02	. 02										. 25			25 12
BIRMINGHAM WB APT BOAZ																		. 35	. 07	. 03	04	02 06		0.2		04 55
CAMPBELL DOTHAN CAA AIRPORT					. 02	. 01	. 01	.01	.12	.01		.08	31	. 02	02	01						00				03
EUTAW LOCK NO 7 EVERGREEN CAA APT	6	.04				*		. 03	*	. 01	.01	.01	*		*	*										02
FLAT ROCK		.04	-			. 28	.02							.15			.19		*	. 08						51
FORT MORGAN FORT PAYNE	//	.05			. 01	.02	.01	1.22	.13			.01		.06							. 02	02				1.36
GARDEN CITY GREENVILLE NO 2																			. 02		03	06	02	01	01	09
HALEYVILLE HUNTSVILLE	6	.03	.03		.01	.03	*	. 04						09					. 1	.12				9		. 22
JACKSONVILLE MIDWAY					. 01	. 01	. 05						1					. 01					08	. 15	08 21	31
MOBILE WB AIRPORT MOBILE WB CITY	6	.02	*			*	.01	. 04	*	1.47	. 01	*	*	. 63	*		*		*	.04						1 49
MONTGOMERY WB APT MONTGOMERY WB CITY	6	.02																				. 39	0.7	15	٠	61
MOULTON MUSCLE SHOALS CAA A	6	.18	.13		.11	. 04	.03	.18				.04		.01			*			10		. 55		1.0		71
NEW BROCKTON PAINT ROCK	0)		_		-					*	.18	.02	.01	-	1	•	.03	-	.10			•		•	24
RIVER FALLS 2 NE		.05	.02		. 04		. 06	.16	.13	. 03	. 08		1			,					04	01 25				62
TONEY		. 03	. 11	.10	.05	. 01	.05				. 07	.01							.02	. 62	0.3	01		01		.79
TUSCALOOSA CAA APT UNIVERSITY	6	.01													*	*	.02	*	*	0.5	01	٠	4	*	6	03
VERNON WIDOWS CREEK STM PLT			. 01	. 02	. 07				. 08		. 02	. 04							.01	.01						02
		1																								
												-	-15t	h-												
ABBEVILLE			. 53	.23			.19	.12	. 02	.01	01]	0.1	22	0.1										1.10
ADDISON ANNISTON WB AIRPORT	6	. 10		-						. 01	, 01			01	. 23	. 01										. 27
AUBURN SCS 10			.02	. 01	. 29	.10	. 01			.03			1								10					4 b 10
BELGREEN BIRMINGHAM WB APT		.03	. 01															.04	.16	.28						52 01
BOAZ CAMPBELL					.01						. 02	.01	-	-	-	-	-			-	-	13	06	01		24
DADEVILLE NO 2 DOTHAN CAA AIRPORT					. 09	. 61	.17	.17	. 05				. 03							. 08	07					1.12
EVERGREEN CAA APT FLAT ROCK	6		*		*	*	*	.25													04					04
FORT MORGAN FORT PAYNE	//								.01	. 05											04	.01			. 01	16 06
GARDEN CITY GREENVILLE NO 2		.07	0.1				02				. 03	. 01	1			.04	.27					. 0 .				31 15
GUNTERSVILLE REC		38	.01	91		*	*		.90		.03	. 01					.01									1.79
JACKSON LOCK 1	6	.04			. 27	.08	.03	.01													0.5					39
MAGNOLIA MIDWAY		.04		.01																. 03						08
MOBILE WB AIRPORT MOBILE WB CITY	6]	*	.24	.02	*	*	.16	*	*	*	*	*	. 01	9.		*	.04	.10	.13	10		*	•	•	60
MONTGOMERY WB APT MONTGOMERY WB CITY	6	.08					. 01									1				.38		17				. 56
MUSCLE SHOALS CAA A NEW BROCKTON	6	.17.		.04	. 01	.16	. 22	. 08		.02							*		*	.16						. 53
PETERMAN RIVER PALLS 2 NE					.02	. 03	. 18	.02																		. 25
TROY TUSCALOOSA CAA APT	6	.39	. 01				.15	.05																		. 60
VERNON CAA API		.04													.02	.06										. 08
												_	-16t	h-												
ADDISON										.01	. 01	.02	201													04
MOBILE WB AIRPORT	6	. 62						.01																		01
TRAFFORD			-		-	-	-	-	100	-	-	-	-	-	-											-
													-17t													
ARBEVILLE GREENVILLE NO 2														18			. 08									18 08
MONTGOMERY WB APT MONTGOMERY WB CITY	6															*	*	.16		.04						16
PETERMAN		1															. 02	.14	. 01							17
												_	-18t	h-												
ASHLAND	//												101								17	01	00			18
BEXAR 2 SE CAMPBELL						. 01			.12	. 01													03			03 14
MOULTON TUSCALOOSA CAA APT	6	1											-								0					•
													10:	1.												
ADDISON							.04			.01		-	-19t	h— .18	. 01					. 19	. 05	01				49
ASHLAND	//			.04	. 03	.02			.05	.02						.12	.12	.04	. 04					n2	12	55

See reference notes following Station Index.

Table 4-Continued						1	100	TIL	J	r itr		1 11.	7 7 7 7	.014											MAY	1950
						A. M	Hour	endin	g									P. M	. Hour	endin	g					Te .
Station			2		4	€,	r	2	8	Ģ		11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
AUBURN SCS 10 BELGREEN																	. 05	.05	10	. 20	. 08			. 01	. 04	. 29
BERRY BEXAR 2 SE									.01				. 01			01	.15	. 39	18	57	. 25	11				2.50
BIRMINGHAM WB APT CAMPBELL				.12	.18		01	01					.03	. 25			. 09	.02	. 21	01	18	49 20	.05	. 03		2.09
DADEVILLE NO 2 EUTAW LOCK NO 7															. 29	.05		. 36	19	. 14	. 03	.03	. 01	, 03		2,30
FLAT ROCK FORT PAYNE										.02	.11		. 01	.06	01 23	05	. 02	.02			. 13	07				.26
GREENVILLE NO 2											.10		,		02	.03				. 05	.06	04		. 01	11	.12
GUNTERSVILLE REC HALEYVILLE	C										. 10			05	02			.03	.12	. 45	. 01	03		.01		.70
HUNTSVILLE JACKSON LOCK 1	6										01	. 28	.18	.02	. 09	.12	. 02							.23	.03	. 26
JACKSONVILLE LAY DAM MAGNOLIA															.18	.01		.12	07	.05	08	04 35	. 01	.04	.02	62 . 66
MARION 1 SSE MIDWAY																		.02	20	. 73	.13	.02	1,04	.01	. 02	2.22
MONTGOMERY WB APT MONTGOMERY WB CITY	υ														*	*	*	*	. 32		.13	. 21	14	.12	.10	1.14
MUSCLE SHOALS CAA A PAINT ROCK	6								*	.10	*	.11	.011	,17	.03	*	*	.02	*	.10	. 14	.02	*	*	*	. 51
PETERMAN THORSBY 1 SW																		. 27	. 21	.11	.05	0.5	05	08	. 03	. 03
TONEY TRAFFORD									. 05					. 15	.01	.35		01		.10	.06	04	03	. 01	. 01	. 54
TUSCALOOSA CAA APT UNIVERSITY	6	77														01		. 47	. 03	.71	.08	.02				. 85 1.24
VERNON WIDOWS CREEK STM PLT														03		.031	.03	.01	. 34	.14	.00	, (13				. 10
												_	20t	h-												
ABBEVILLE	//				. 01											.01	01	. 01								. 03
ASHLAND CAMPBELL DOTHAN CAA AIRPORT	//		. 01		. 01					.01				. 05	. 01	. 03	, 01			.02					. 01	. 02
EVERGREEN CAA APT GREENVILLE NO 2	6	08	*	+	* 01	* 01	٠	.05													*	*	*	*	*	.10
HUNTSVILLE JACKSON LOCK 1	6	01		01	02	. 01																				. 05
MIDWAY MOBILE WB AIRPORT	6	04			. 01	.01	.02	.01							*		*			2.23				*		. 09
MOBILE WB CITY MONTGOMERY WB APT	6	к2	v		4			.01									. 01	. 05	.02		. 01	. 01				.10
MONTGOMERY WB CITY MOULTON			*		*	*	*	. 30																		. 03
MUSCLE SHOALS CAA A NEW BROCKTON	\$1	08												.01	.27	.13	.12	. 02								. 55
PETERMAN THORSBY 1 SW		.09	01	01	0.3	02	01																			. 03
TRAFFORD UNIVERSITY								.02	. 01	.01		02														. 02
												-	-21	st-												
ASBLAND	//								.12	.10	. 01		4.0	~ -			. 51	.07	. 02	.02						. 62
ATMORE STATE FARM BELGREEN					.05				17			03	. 01				. 01									. 20
BERRY BEXAR 2 SE CAMPBELL					.03							. 62	41		-	-	.11	.01	-	-	-	-		~	-	1.1
DADEVILLE NO 2 DOTHAN CAA AIRPORT					.01	.01				.02	.02	.01				10	10		J1							. 0:
EUTAW LOCK NO 7 EVERGREEN CAA APT	G	.02		.01		.01	.01		. 03	. 59	.18	.05	. 01	. 01 54		*	4	*	*	.15		*	*	*	*	. 91
FLAT ROCK FORT MORGAN	//														. 03				.01	.76	. 29	.10	01		. 01	1.18
FORT PAYNE GARDEN CITY								. 05							01		. () 4	. 01								. 0:
GREENVILLE NO 2 JACKSON LOCK 1									. 08	.14	.03		. 02	.01 .10		0.5	.04	.01	01							. 51
JACKSONVILLE LAY DAM						. 0.1	.01	0.5	.11	.02			.01	.10	.01	. (72,	.02									. 22
MAGNOLIA MARION 1 SSE	ь	0.5				. 20	44	.04			10	. 95		. 10	.01	.02			* 01	. 51				*		. 88
MOBILE WB AIRPORT MOBILE WB CITY MONTGOMERY WB APT	6	(77)						,00	1	*		*	. 62	09 29	, 01			.02								.7:
MONTGOMERY WB APT MONTGOMERY WB CITY MOULTON	0							. 20	02	0 to 0.2	17		()4													. 2:
MUSCLE SHOALS CAA A NEW BROCKTON	6								*	*	.0.	*	*	05		.05		.02	01							. 3!
PAINT ROCK PETERMAN				03	6.1	01	15	.16	03	.02	08						. 02	.03	.01		0.1					. 08
RIVER FALLS 2 NE THORSBY 1 SW								.10		07	.07			.01		. 01				.01	. 01					. 42
TONEY TUSCALOOSA CAA APT	6		*		,			. 74		0.5			4	()6												. 2!
UNIVERSITY VERNON		77	0.5	0.1		01	. 07	.01	. 09	61			01	0.0												. 12
WIDOWS CREEK STM PLT													-	02												
LOWE LAW									10	1.0	0.7		-22	2d-						. 35	. 39		. 01			. 7!
ASHLAND CAMPBELL	//	0.1							.12	10	01									, 50						. 01
EVERGREEN CAA APT MOBILE WB AIRPORT	6	.01							. 04						*	*	*	*	*	.01						. 04
RIVER FALLS 2 NE WIDOWS CREEK STM PLT									. 04								.77									. 7'
													-23	3d-												
GREENVILLE NO 2												-	-	-	-	-		-	-		-	-			Ť	-
												-	-26	th-												. 1(
ATMORE STATE FARM CAMPBELL																	09 12	.01								. 1:
EUTAW LOCK NO 7								. 01	01		02	01														, 01

1	able 4-Continued							110	On	LL	LI	LLC	IPI.	IAI	101	ν.											ALABAMA AY 1950
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			1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
1 1 2	ADDISON WNISTON WB AIRPORT UNBURN SCS 10 SERRY LAT ROCK ORT PAYNE TARDEN CITY	6						. 04	.01	.05				-27	th-			.01	.11	. 01	.01	.01	*		10	. 20	.04
E J M P T	UNTERSYILLE REC ALEFYILLE ACKSONVILLE OULTON USCLE SHOALS CAA A AINT ROCK ONEY RAFFORD ROY	6														.01	.01	. 08	.01	.14	.61	. 35			. 01		.08 .01 .16 .40 .08
U	USCALOOSA CAA APT NIVERSITY ERNON IDOWS CREEK STM PLT	6			. 01	. 03		. 01						. 25	. 05	٠	*	*	.75	.09	. 01		. 04				.10 .85 .05 .30 .04
A B	BBEVILLE NNISTON WB AIRPORT ALEYVILLE IDWAY	6	. 03		. 03	. 02				. 03	.01		_	28t	.05 .08	. 03	.01	. 03	.09	. 03	. 20	.14	. 01				.41
Bi Bi F(Gi	BBEVILLE ELGREEN EXAR 2 SE ENT PAYNE INTERSVILLE REC BBILE WE CITY IDOWS CREEK STM PLT		_	-	-	-	-	-	-	-		-	.36	.07	.35	. 03			.04				. 02				.35 .02 .02 .04 .36 .03
AF AS BF BF DA FL FO	DISON INISTON WE AIRPORT HILAND HILAND LUGREN XAR 2 SF RMINGHAM WE APT DEVILLE NO 2 AT ROCK RT MORGAN RT PAYNE BLENN CITY	//6						.01	.02	. 08	.01	. 17		30t		.03	*	* .04 .04 .01 .08	.02	.02	.45	.20 * .06 .19 .02	.39	.01	.01	.04	.60 .21 .49 .05 .23 .26 .58
GU HA JA LA MI MO	NTERSVILLE REC LEYVILLE CKSONVILLE Y DAM DFAY BILE WB AIRPORT ULTON	6		*	*	*	*	*	.11	-	-	-			.02	. 01	.05	. 09		. 12	.01	.10	.23	.01	.11	.01	.12 .25 .19 .12 .72 .31
TH TO TR.	SCLE SHOALS CAA A INT ROCK DORSBY 1 SW NEY HEFORD DY SCALOOSA CAA APT IVERSITY	6		*	*	*	*	*	. 04							. 08	•	*	.89 1		. 17	.03	.07	. 55		.01	.12 .01 .19 .11 .55
WI	NON DOWS CREEK STM PLT	6	. 23			. 02			. 02				-	31st	<u>t</u> —	,		.04		.01	.12	. 01 . 42	*	*	*	.11	.14 .28 .78
BOAT PLATE GUT MOUNTED TO THE PLATE	NZ DEVILLE NO 2 IT ROCI TEROYILLE NO 2 TERESVILLE REC RITON GLE SHOALS CAA A ASANT HILL		. 21	.01	-		.01		02 03			.02												_	-	-!	.10 -03 .11 -02 .03
TUS	RSBY 1 SW (ALOOSA CAA APT VERSITY OWS CREEK STM PLT	6	. 09	.01				01 .	02		01					-		- 41	-								.01

Table 5									D	AI	LY	Τ.	Ł.M	LPE	ik.	AT	UK	ES)														195
Station		r					,		. 1							Day	of mo	nth															srage
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
ALBERTVILLE 1 S	MAX	78 60	80 60	83 5,8	84 65	86 63	80 65	81 60	83 59	85 59	84 60	87 67	83 66		78 58	79 56	85 56	87 55	88 65	87 63	78 57	78 63	80 60	87 56	87 59	87 60	90 62	88 63	85 62	82 59	82 57	86 51	83. 60.
ALEXANDER CTY 6 NE	MAX	83 63	80 61	86 65	86 67	88 66	86 62	87 60	89 62	87 65	86 66	87 66	81 62	84° 67	81 63	82 58	86 54	88 ·56	89 58	87 59	82 59	72 61	83 60	82 59	89 54	91 58	92 59	93 59	91 62	91 62	83 62	84 59	85. 61.
ANDALUSIA	MAX MIN	77 64	84 66	85 70	90 69	91 68	90 66	90 65	92 65	93 71	85 66	89 64	91 65	88 65	87 67	80 63	81 60	85 59	87 57	89 62	88 62	86 64	75 64	83 62	84 63	88 62	92 64	93 67	93 68	92 67	92 69	89 64	87. 64.
ANNISTON WB AIRPORT	MAX	83 64	77 61	85 63	85 65	86 64	84 62	86 62	89 65	77 65	86 67	86 64	81 61	84	79 61	81 55	85 55	88 58	89 57	72 61	81 63	67 61	83 62	84 61	91 57	92 59	92 60	91 61	91 64	89 62	85 62	81 59	84. 61.
ATMORE STATE FARM	MAX	86	84 60	90 70	92 71	89 67	91 70	91 64	93 64	90 69	90 67	90 65	91 64	83 65	80 65	83 63	86 59	90 64	92 61	8 9 62	88 64	85 62	85 65	88 65	90 64	93 66	95 65	95 69	93 68	92 69	89 73	91 65	89. 65.
AUBURN	MAX	79 59	80 60	82 64	84 65	85 64	86 62	85 60	85 61	88 60	77 65	85 65	86 63	84 65	83 64	78 59	80 54	84 60	88 59	88 61	86 59	83 59	66 59	83 62	80 59	87 61	90 62	91 64	91	90 66	90 66	85 63	84. 61.
BAY MINETTE	MAX	84 67	83 67	86 71	88 70	86 68	87 68	89 64	90 65	86	87 67	88 65	82 65	821	82 63	83 64	85 57	89 64	89 62	88 63	87 65	76 65	87 64	87 65	89 65	91 65	93 65	94 66	92 67	90 67	88 71	91 65	87. 65.
BELLE MINA 2 N	MAX	74 58	70 60	86 58	86 70	85 67	85 66	85 65	85 65	83 66	82 66	82 66	83 65	78 61	75 60	79 54	84 53	89 58	89 59	86 63	82 58	82 56	83 57	84 59	89 59	90 59	90 60	92 63	88 60	91 68	90 62	83 56	84.1 61.
BIRMINGHAM WB APT	MAX MIN	80 63	77 61	87 68	86 69	87 69	83 68	87 67,	87 67	77	87 69	85 68	81 64	79 63	77 60	79 57	84 55	87 58	88 60	83 63	82 60	72 62	82 62	83 62	86 59	89 61	91 60	92 63	89 63	90 64	85 62	84 60	84.
BIRMINGHAM WB CITY	MAX	82. 63	76 61	88 65	87 68	87 68	86 68	88	90 65	80 70	88 69	87 70	81 66	80 64	79 63	80 58	84 57	89 60	91 64	86 65	84 61	79 64	84 62	87 61	90 63	91 62	93 65	93 67	90 65	90 68	85 69	85 60	85. 64.
BREWTON 3 SSE	MAX	85 65	83 65	88	88	87 62	88 64	89 61	92 61	90 65	88 63	89 62	84	85 64	80 63	83 61	86 52	90 58	91 55	89 55	87 61	77 63	86 62	87 58	90 57	93 55	93 58	92 65	93 63	93 63	90 68	91 61	88.
CAMDEN	MAX:	82 61	80°	86	88 75	87 68	89 68	88 65	90 66	88 68	88 64	89 67	83 67	79 66	81 63	81 64	85 59	89 61	90 60	88 62	86 62	79 66	83 62	81 62	87 62	92 64	92 63	91 67	90 65	93 68	88 71	90 67	86 A
CAMP HILL 2 NW	MAX	81	79 62	84	84	86 60	85 61	86	88 63	78 63	86 65	87 66	86 63	80	78 57	78 60	85 54	87 56	88 55	86	82 58	66 58	80	82 62	85 62	88 61	90 62	91 62	89 63	90 64	84 64	88	84.0 61.
CENTREVILLE	MAX	75 68	82 67	79 68	88 72	90 66	90 63	89 64	88 69	92 70	82 72	89 74	90 70	85	82 71	83 68	85 62	88 65	91 67	90 70	90 66	85 62	75 64	85 65	88 64	89	93 64	94 66	95 70	92 71	93 72	88	87:
CHATOM	MAX	84	80	89	89	88	90	91	90 58	89 62	90 67	91 63	81	79:	83 59	83 60	86 54	87 56	89 57	90	87 62	79 65	86	88 57	90 57	92 56	93 58	94	89	93	85 71	92 64	87.
CITRONELLE	MAX	83	81	87	87 71	86	86	87 64	88	87 67	87 68	87 67	.79	80 65	81	83 66	84 59	87 64	87 68	87	86	78 65	84 63	87 66	88	89 68	90 68	91	89	91 70	84	90	85
CLANTON	MAX	76 63	82	78	86	38 68	88	88 65	88	89 69	80	85 70	88	81	82	81 58	82 56	85 59	89	89	89 59	84 62	68 62	84 62	84 59	87 62	92	93	93	92 65	93	86	85 63
CORDOVA	MAX	78 60	75 60	82	89	89 69	83	86 68	82 68	77 69	87 71	88 70	88	89	78 64	82 57	85 55	89 55	91 58	89	84 65	78 64	82 64	86 58	89 58	91 59	92 55	93	90 62	91 61	89	84	85
DAYTON	MAX	80 63	80 60	88	89 69	89 68	88	88 65	89 65	87 67	88 67	88 69	87 67	84 65	83 61	81 61	84 58	88 61	90 62	90 65	88 62	78 65	87 64	88	89 65	89 62	92 64	92	92	91	91 71	91 62	87
DECATUR	MAX	72 59	70 61	83 57	83 68	86 66	79 64	81 65	85 64	79 70	86 69	84 68	79 66	75 57	75 60	78 57	82 57	85 61	86 68	81 67	79 60	73 63	80 61	86 62	86 63	87 64	90 65	89 67	85 64	89 65	82 66	80 59	81 63
DOTHAN CAA AIRPORT	MAX MIN	87 65	89 65	90	92	93 68	93 67	94 63	94 66	88 70	91 65	92 63	91 68	91 68	77 67	80 62	85 62	91 61	90 58	91 63	83 62	75 61	95 63	85 61	89 62	95 61	97 67	95 65	96 67	94 67	90 72	90 67	89 64
EUFAULA	MAX	81 62	88 64	89 67	92 68	91 66	86 66	87 65	90 66	85 70	86 66	87 65	88 68	85 67	79 67	81 62	85 58	85 61	90 57	90 60	91 63	77 64	86 63	84 62	91 59	91 60	95 62	93 62	87 65	91 65	86 67	83 65	87
EVERGREEN CAA APT	MAX	84 63	83 64	90 68	90 69	88 68	89 65	90 61	92 59	86	88 62	89 63	86 61	87 61	81 64	83 62	86 56	90 57	91 55	90 56	86 61	74 64	85 62	86 60	89 59	92 58	94 61	93 63	93 63	93 63	90 68	88 64	87 62
FAIRHOPE	MAX	82 67	79 68	84 69	84	86 65	86 66	86 63	87 63	83 66	86 66	88 65	83 65	83 68	81 65	80 60	83 56	86	87 62	86 62	91 65	79 65	85 62	87 65	88 64	89 63	92 64	91 70	90 67	91 68	87 72	89 69	85 65
PAYETTE	MAX	72 57	77 60	78 62	85 66	83 68	87 65	85 65	83 61	88 63	84 67	86 66	85 67	78 60	80 63	79 56	80 54	86 55	89 56	90 63	88 57	84 64	75 63	85 55	86 57	89 56	91 56	93 61	92 60	88 61	91 64	82 56	84
FORT MORGAN	MAX	80 71	81		82 73	83	83 73	83 73	85 70	86 74	85 74	86 71	84 70	82 70	80 67	80 62	82 65	87 70		84 72	84	82 65	82 68	82 69	85 70	87 70	89 71	88 75	87 74	87 77	85 77	86 73	83
FRISCO CITY	MAX MIN	83 56	84 65	82 70	89 69	90 68	89 69	89 65	90 63	91 67	87 65	86 64	88 65	83 64	82 62	82 62	82 58	87 62	89 60	90 64	89 63	86 65	75 64	85 63	86 62	90 63	92 63	93 66	95 61	92 66	94 72	86 63	87
GADSDEN	MAX	76 61	84 58	80 62	89 61	85 64	88 61	84 62	88	88 67	76 63	88 65	87 60	82 60	81 63	77 57	81 54	85 54	90 57	90 60	77 59	86 62	78 60	82 54	85 55	92 56	94 58	93 59	94 59	91 61	92 60	84 56	85 59
GENEVA	MAX MIN		88 65	87 67	90 67	92 67	90	92 63	93 63	95 70	88 64	92 64	91 68	90 64	88 67	75 60	85 59	88 61	90 55	91 58	91 59	87 60	76 63	87 59	85 59	88 65	94 62	96 64	95 64	95 65	95 69	89 65	89
GOODWATER	MAX MIN	78 63	82 61	79 63	87 67	87 66	87 64	85 62	87 63	88 65	77 65	88 68	89 65	84 65	81 63	79 58	80 55	83 60	86 58	88 62	86 60	82 61	73 60	81 61	80 56	87 61	89 61	91 63	92 64	90 64	91 65	83 59	84
GREENSBORO	MAX MIN	80 61	74 63	86 68	88 69	87 69	87 68	86 66	90 65	82 68	88 66	85 70	79 66	78 66	82 63	83 61	87 59	90 63	91 63	89 64	84 62	74 63	83 67	86	89 64	92 62	93 68	93 66	89 64	91 68	85 71	87 65	85 65
GREENVILLE	MAX	82 64	83 64	89 68	90	90	88 72	89 69	90 69	81 72	88 70	89 69	87 64	85 67	81 63	80 62	85 60	88 69	89 57	90 65	87 62	79 63	85 62	84 63	88 66	92 69	92 69	93 66	93 70	92 67	89 72	87 67	87
HALEYVILLE .	MAX	70 55	68 62	82 58	81 67	83 68	81 66	82 64	85 64	82 67	82 68	80 66	78 66	74 61	74 59	74 55	79 56	85 59	84 61	82 66	78 59	77 63	78 61	82 60	85 64	86 65	88	87 66	83 62	84 63	82 65	79 56	80 62
READLAND	MAX	85	89 65	90 70	90 64	90 68	90 71	91 71	92 70	85 72	90 64	90 60	89 66	88 66	80 70	79 60	87 61	87 68	88 65	87 68	88 60	79 60	85 64	84 61	88 64	93 64	92 65	95 66	93 67	92 66	89 70	88 68	88
EIGHLAND HOME	MAX	82	83	88	90	89	89 66	82 64	90 63	82 69	89 68	89 64	85 65	84 63	79 63	81 62	84 59	85 63	89 58	89 61	83 59	78 67	83 61	82 60	82 63	90 63	91 66	92 65	92 66	91 67	87 71	85 63	86
HUNTSVILLE	MAX	75 60	71 61	85 60	81			79 64	86 62	76 67	87 66	86 65	75 64	78 58	74 60	77 57	82 55	87 56	87 58	74 61	82 58	70 60	81 60	85 61	88 58	90 58	91 59	92 61	88 62	92 61	87 61	85 57	82
LA FAYETTE	MAX	81	81	85 65	87 67	87	64	87 60	89 64	78 64	87 64	87	84 65	83 65	79 63	81 58	85 57	88	88 60	84 63	82 60	73	80 59	80	88 59	90	91 63	90 63	90	90 65	82 64	81	84 1
LINCOLN	MAX		77 58	86 62	85 65	87 64	83	87 63	89 66	78 66	87 66	87 62	81 66	81	78 61	83 55	87 54	90 55	90 57	88 61	83	70 62	83 62	86 57	90 56	92	93 60	92 61	91 60	90 62	80 61	85 59	85 I 60 I
LIVINGSTON	MAX	76		85 66	87 70	89	87 68	87 66	88	86 66	88 69	85 67	80 68	77 64	82	82 62	84 58	88 60	88 60	88 65	84 62	79 66	83 65	86 64	90 61	90 60	93 63	91 65	89	91 68	85 68	87 66	85 64

See reference notes following Station Index.

EVAPORATION AND WIND

51

65

64

62

65 58

61

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TROY

TUSKEGEE

UNION SPRINGS

UNIVERSITY VALLEY READ

WETUMPKA

TUSCALOOSA CAA APT

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BELGREEN BELLE WINA 2 N BERN BERN BEKAR 2 SE BILLINGSLEY BIRMINGHAM WB AIRPORT BIRMINGHAM WB CITY BISHOP BOAZ BRANTLEY	0631 FRANKLIN 0655 LIMESTONE 0748 FAYETTE 0790 MARION 0823 AUTAUGA 0831 JEFFERSON 0836 JEFFERSON 0854 COLBERT 0957 MARSHALL 1069 CRENSHAW	12 34 28 87 52 12 34 42 86 54 2 53 40 87 36 13 44 12 88 09 1 52 40 86 13 2 33 32 86 50 12 34 49 88 05 2 33 12 86 50 12 34 19 88 05 6 11 15 86 16	4 600 4P 4P ALA POLY INST. MID MISS CLARA R. OLI MID WM, H., WHITEHEAD TA LEONARD C. WELLED TO TA LEONARD C. WELLED TO 694 5P 5P MRS. CARRIE B. HORT 5 470 7A TVA-42 7A MILEGRO H. DOOLEY	AU 2 3 4 5 ON 2 3 5	MONTGOMERY WB CITY MOULTON MUSCLE SHOALS CAA AP NEW BROCKTON NEW BURG NEW MARKET NEWTON OWEONTA ORBYILLE OZARK	5555 MONTGOMERY 5625 LAWRENCE 5749 COLDERT 5842 COPPEE 5847 FRANKLIN 5862 MADISON 5875 DALE 6121 BLOUNT 6161 DALLAS 6218 DALF	1 32 23 86 18 12 34 29 87 17 12 34 44 87 36 5 31 23 85 56 12 34 29 87 35 12 34 54 86 26 5 31 20 85 37 2 33 57 86 50 1 32 18 87 14 5 31 23 85 39	201 MID MID U.S. WEATHER BUR MID TWA-381 540 MID WID CAA MID MID E. EARL BOYETT 74 TVA-644 216 11A FURN WYNN 857 7A TVA-624 11A FURN WYNN 200 8A EDWARD B. WARREN 004 4P 7A MRS. MARY S. SCO	3 4 2 3 5 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
BREWTON 3 MILES SSE BRIDGEPORT 2 W BRUNDIDGE CALERA CAMPBELL CAMP BILL 2 N CARBON HILL CENTER GROVE CENTER GROVE	1084 ESCAMBIA 1099 JACKSON 1178 PIKE 1288 SHELBY 1300 WILCOX 1315 CLARKE 1324 TALLAPOOSA 1377 WALKER 1492 MORGAN 1520 BIBB	6 31 04 87 03 12 34 56 85 44 5 31 43 85 49 7 33 66 86 45 1 34 00 87 20 13 31 55 87 54 11 32 50 85 19 2 33 54 87 32 12 34 23 86 38 3 32 57 87 08	14 660 5P MISS M.LOUISE JON 74 GEO. L. HICKS 55 500 8A ZEMMA P. HOLCOME 9 5P ALA. POLY. INST. MID WM. H. GRIFFIN, J 9 686 6P 6P ALA. POLY. INST. 2 430 7A MISS MARY C. RAY 7A U.S. DEPT. INTERI	ES 3 3 3 5 R. 3 4 2 4 5	PAINT ROCK PALMERDALE PENNINGTON LOCK 2 PERRYVILLE PITERBMAN PICKENSVILLE PINE HILL PINE LEVEL PLANTERSVILLE PLANTERSVILLE PLANTERSVILLE PLESSANT GROVE SCHOOL	6226 JACKSON 6246 JEFFERSON 6335 CHACTAN 6362 PERRY 6370 MONROE 6414 PICKENS 6460 WILCOX 6468 MONTGOMERY 6598 PALLAS 6521 JACKSON	12 34 40 86 20 3 33 44 86 39 13 32 08 88 02 3 32 37 87 08 1 31 35 87 16 13 31 35 87 16 13 31 35 87 36 6 32 04 86 04 1 32 19 86 56 12 34 57 85 55	610 MID TVA-69 84 ROBERT P. STORES 20 74 U.S. RNGINERS 84 MRS. GERTRUDE OR MID MRS. MINTA SOULH 110 74 MRS. DORA I. CLA 74 C.W. ADAMS 74 C.W. ADAMS 74 O.R. BARMES 633 74 TVA-695	3 4
CHATOM CHILDERSBURG CITROWELLE CLANTON CLAYTON COPPEE SPRINGS COLLIMSVILLE COLUMBIA CORDOVA CUBA	1566 WASHINGTON 1615 TALLADEGA 1685 MOBILE 1694 CHILTON 1725 BARROUR 1807 GENEVA 1849 DE KALB 1865 HOUSTON 1940 WALKER 2079 SUMTER	13 31 28 88 15 7 35 17 86 21 9 31 05 88 14 7 62 51 86 38 5 31 53 85 27 5 31 10 85 55 7 34 15 85 52 5 31 18 85 06 2 33 46 87 11 13 32 26 88 23	1 540 5A ALABAMA POWER CO, 4 331 97 6P B, 0, JONES 8 940 7A 7A HUGH M, SIMPSON 5A EDWARD E, POPE 6 PMRS, J. VIRGIL BYN 7A MRS, S, CUNNINGHA BA CDY THOMPSON 1344 9P 8A MRS, C, GRESHAM	2 3 5 3 5 2 3 5 2 3 5 3 4 3 5 3 4 4 3 5 3 5 3 5 3 5 3 5 3	PLEASANT HILL PRATTVILLE PRIMROSE PARM PUSHMATAHA RED BAY REFORM RIVER PALLS RIVER PALLS ROBERTSDALE 7 E ROCK MILLS	6526 DALLAS 6640 AUTAUGA 6684 MONTGOMERY 6719 CHOCTAW 6805 FPANKLIN 6805 FPANKLIN 6807 COVINCTON 6942 COVINCTON 6942 COVINCTON 6948 BALLWIN 7025 RANFOLPH	1 32 10 86 55 1 32 28 86 28 1 37 20 86 15 13 32 12 88 21 12 34 27 88 09 13 33 23 88 01 6 31 21 86 32 6 31 23 86 33 9 30 33 87 18 4 33 09 85 18	MID MRS. EVELIVE NORM 180 60P CONTINENTIAL GIRN 180 MOSC. JAMIE C. BR 627 7A TVA. 493 7A TVA. 493 7A TVA. 493 7A JULIAN T. AMBRO 7A JUGN R. BRADLEY 745 60P 60P CARL BOSECK 745 60P 60 JAMES B. BAILEY 745 60P 60 JAMES B. BAILEY 745 60P 60 JAMES B. BAILEY 745 60P 60 JAMES B. BAILEY 745 60P 60 JAMES B. BAILEY 745 60P 60 JAMES B. BAILEY 745 60P 60 JAMES B. BAILEY 745	CO. 2 3 5 DWN 2 3 5 SE 3
DADEVILLE DADEVILLE NO 2 DANCY DANYILLE DAYTON DECATUR DECATUR NO 4 DECATUR SUBSTATION DEMOPOLIS LOCK 4 DOTHAN CAR AIRPORT	2119 TALLAPOOSA 2124 TALLAPOOSA 2141 PICKENS 2149 MORGAN 2188 MARENGO 2207 MORGAN 2216 MORGAN 2221 MORGAN 2221 MORGAN 2221 MORGAN 2240 MARENGO 2372 HOUSTON	11 32 50 8 45 11 32 .00 85 16 13 01 88 17 12 14 25 87 04 13 32 21 87 19 12 14 47 80 58 12 14 37 86 58 13 12 41 87 51 11 11 85 27	7 297 7P E. F. SMITH 4 595 7A TVA-503 9 6P JAMES M. CREWS 9 690 6A TVA-63B 8 573 5P 8 8A TVA-411 100 7A J. A. ROBERTSON	3 4 3 4 3 5 E 2 3 5 3 5 3 3 2 3 4 5	SAINT BERNARD SAND MTM.STATE FARM AP SAYRE SCOTTSBORO SCOTTSBORO SUBSTATION SEALE 7 WNW SELMA SIEFFIELD TVA NRSY SHOEMAKER SPRINGS SLOCOMB	7157 CULIMAN P 7207 DE KALB 7282 JEFFERSON 7304 JACKSON 7310 JACKSON 7128 RUSSELL 7366 DALLAS 7415 COLDERT 7460 LIMS FONE 7576 GENEVA	2 34 12 86 47 12 34 17 85 58 2 33 43 86 58 12 34 41 86 02 12 34 41 86 01 4 32 18 85 17 1 32 25 87 00 12 34 46 87 42 12 34 51 87 12 5 31 06 85 35	802 7.4 7.4 FR. FREDERICK SIDE 105	ΣΤΗ 2 3 5 5 7 E 2 3 5 3 5 3 5 3 5 3 5 3 5 3 5 3 5 3 5 3
ELBA ELROD EUFAULA EUTAW LOCK NO 7 EVERGREN EVERGREN CAA APT PAIRROPE PALCO 5 NE FALKWILLE FALLS CITY 6 NW	2577 COFFEE 2632 TUSCALOOSA 2727 BARBOUR 2742 GREENE 2758 CONECUH 2613 BALDWIN 2832 COVINGTON 2840 WORGAN 2848 WINSTON	10 31 25 86 04 13 34 15 87 48 4 31 53 85 08 2 32 47 87 50 6 31 26 86 58 6 31 25 87 02 9 30 32 87 55 9 31 06 86 33 12 34 22 86 55 3 34 04 87 20	8	3 2 3 5 3 4 ON (LOSED (0 2 3 4 5	SNOW RILL SOUTH HILL SPRING HILL SUTTLE SWAIM SYLACAUGA SYLVANIA TALLADEGA TALLADEGA HORN MIN, TWR THOMASVILLE	7620 WILCOX 7671 DE KALB 7773 MOBILE 7963 PERRY 7968 JACKSON 7994 TALLADEGA 8012 DE KALB 8024 TALLADEGA 18032 TALLADEGA H176 CLARKE	1 32 00 87 01 12 34 24 86 02 9 30 42 88 03 3 32 32 87 11 12 34 53 86 13 7 31 10 86 13 12 34 34 85 49 7 33 26 86 06 7 33 18 86 04 13 31 55 87 45	225 7. MIRS. EVA R. RAY 990 74. TVA-75 74. TVA-75 75. TVA-75 74. TVA-75 74. TVA-75 74. TVA-75 74. TVA-75 75. TVA-75 74. TVA-75 75. TVA-	3 3 3 5 3 5 3
FARLEY FAYETTE FLAT ROCK FLORENCE AT LOCK POORENCE AT LOCK PORT DEPOSIT FORT MORGAN FORT PAYNE FRISCO CITY GADSDEN GAINESVILLE	2867 MADISON 2883 FAVETTE 2945 JACKSON 2976 LAUDERDALE 3024 LOWNDES 3035 BALDWIN 3043 DE KALB 3105 MONROE 3151 ETOWAH 3160 SUWTER	12 34 36 86 34 13 33 41 87 50 12 14 46 85 41 12 34 47 87 40 6 31 59 86 35 9 50 14 88 01 7 44 26 85 43 8 31 26 87 24 7 34 01 86 00 13 32 49 88 09	1 1380 7A TVA-387 7A U. S. ENGINEERS 5 520 7A MRS. ISABEL C. HUGH 1 9P 9P WM. H. CHANDLER 8A JOHN W. PATE 4 8A MRS. NELIA MCKENZ	3 4 3 2 3 4 5 3 4 1E 2 3 5	TRORSBY 1 SW THURLOW DAM TIBBLE 2 S TONEY TRAFFORD TROY TUSCALOOSA CAA AP TUSCALOOSA LOCK & DAM TUSKEEEE UNION SPRINGS	8201 CHILTON 8215 ELMORE 8223 WASHINGTON 8295 WANTISON 8285 JEFFERSON 8323 PIMCE 8380, TUSCALOOSA 8385 TUSCALOOSA 8398 MACON 8438 BULLOCK	1 32 54 86 44 11 32 32 85 54 13 31 20 88 15 12 34 54 86 44 2 33 49 86 14 10 31 49 85 58 2 13 14 87 17 2 33 13 87 35 11 32 24 87 35 11 32 24 85 42 6 32 08 85 44	MID SCS SCA ALBBAMA POWER CO	CLOSED 5 50 3 4 3 4 2 3 4 5 2 3 4 5
GARDEN CITY GENEVA GOODWATER GOODWATER GORGAS GREENSBORO GREENVILLE NO 2 GULF SHORES 2 SE GUNTERSVILLE CITY WITH GUNTERSVILLE DAW	3200 CULLMAN 3255 GENEVA 3399 COOSA 3430 WALKER 3511 HALE 3519 BUTLER 3524 BUTLER 3524 BUTLER 3539 BALDWIN 3578 MARSHALL 3583 MARSHALL	2 34 00 86 44 5 31 02 85 52 7 33 04 86 03 2 33 39 87 13 2 32 42 87 36 6 31 50 86 38 6 31 50 86 38 6 31 50 86 38 10 2 86 17 12 34 26 86 24	3 100 6 ALABAMA POWER CO. 5 220 6P 8A N. HAMNER COBBS 6 444 5P 8A CECILE T. LEWIS 8 MID CLAUDE CONN, JR. 7 610 MID TYA-403	3 4 2 3 5 2 3 5 2 3 5 5 3 4 3 4 3	UNIONTOWN UNIVERSITY VALLEY HEAD VANCE VERNON WADLEY WALLACE WALRUIT GROVE WATERLOO WEST BLOCTON	8446 PERRY 8454 TUSCALOOSA 8469 DE KALB 8477 TUSCALOOSA 8917 LAMAR 8605 RANDOLPH 8637 ESCAMBIA 8648 ETOWAH 8686 LAUDERDALE 8409 BIBB	1 32 27 87 31 2 33 12 87 33 7 34 34 85 46 3 33 10 87 13 13 33 45 88 07 11 33 08 85 34 6 31 13 87 13 2 34 04 86 19 12 4 55 88 04 3 33 07 87 07	273 7A MRS.FRANCES MART 1031 8P 8A MRS. CARRIE DALE 180 MID COUNTY AGENTS OF 850 A ALABAMA POWER CO 7A RILE: C. PETTIS 445 PJ. SILLIE TURBET 6 PJ. SILLIE TURBET 74 RUPBET IN . BEARDE	L 2 3 4 5 3 4 5 3 4 3 3 4 3 3 4 3 3 4 3 3 4 3 3 4 3 3 4 3 3 4 3 3 4 3 3 4 3 3 4 3 3 4 3 3 4 4 3 4 3 4 4 3 4 4 3 4
HALEYVILLE HAWILTON HARRISBURG 6 SE HAYNEVILLE HELENA HIGHLAND HOME HIGHTOWER HODGES HUNTSVILLE SUBSTATION HUNTSVILLE	3620 WINSTON 3644 MARION 3697 PERRY 3748 LOWNDES 3783 SHELBY 3816 CRENSHAW 3842 CLEBURNE 3899 PRANKLIN 4060 MADISON 4068 MADISON	2 34 14 87 38 13 14 08 87 59 3 62 48 87 11 1 32 11 86 35 3 33 18 86 51 6 31 57 86 19 11 33 32 85 24 13 34 20 87 56 12 34 43 86 35 12 34 42 86 35	9 498 7A REX (OOPER) 1 600 8A USFS 1 416 9 80 MAXINE E. WATSON 1 416 7A ROLFE H. HARRISON 9 49 594 5P 5P LUKE JORDAN 8A THOMAS J. HART 6A FRANK L. HAYNES 6A TVA-65	2 3 4 5 3 3 3 5 2 3 5 3 3 3 4 5	WETUMPKA WHATLEY WHEELER DAW WHITFIELD LOCK 3 WHISON DAW WINFIELD 2 SW YATES IFFDRO PLANT YOUNGS STORE NEW STATIONS	9859 ELMORE 9867 CLARKE 8875 LAWRENCE 8925 CHOCTAW 8980 COLBERT 9998 FAVETTE 9103 ELMORE 9350 LAUDERDALE	7 32 32 86 12 13 31 39 87 43 12 34 47 87 21 13 32 17 88 01 12 43 48 87 37 13 33 56 87 49 11 32 34 85 54 12 34 57 87 54	205 69 6A MRS. D. R. MITTA 7A LEONARD L. COLEM 580 7A TWA-52 30 7A U. S. EMCINTERS 530 6A TWA-471 468 7A W. W. COTNEY 335 6A ALABAMA POWER CO. 7A TWA-621	ER 2 3 5 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
HYTOP JACKSON LOCK 1 JACKSON SHOALS JACKSON IILE JORDAN DAM LA FAYETTE LAY DAM LEESBURG LINCOLN	4099 JACKSON 4192 CLARKE 4198 TALLADEGA 4209 CALHOUN 4306 ELMORE 4502 CHAMBERS 4603 COOSA 4619 JEFFERSON 4627 CHEROKEE 4734 TALLADEGA	12 34 54 86 05 13 31 33 88 01 7 33 32 66 12 7 33 49 85 48 7 52 37 86 15 11 32 54 85 24 7 32 58 86 33 33 33 66 33 7 14 11 85 46 7 33 37 86 02	1 10 7A U.S. ENGINEERS 5 8A ALBRAMA POWER CO. 5 90 6A ALBRAMA POWER CO. 4 830 6P 6P CLARENCE R. FINCH 1 420 6A ALBRAMA POWER CO. 3 536 8A MRS. WARY K. LEEL 7 A FURDS W. SEFELL	3 4 3 3 2 3	HEADLAND WIDOWS CREEK STM PLT	574.1 HENRY 8936 JACKSON	5 (1 /1 85 20 12 (4 3 85 45	6P 6P ALA. POLY. INST. 614 7A TVA-704A	2 3 4
LOCKHART	4798 SUMTER 4822 COVINGTON	13 32 35 88 11 9 31 01 86 22	1 160 5P 5P PROF.E.J. MURPHEY 2 290 8A 8A H. C. YOUNG	2 3 .		TP: 10 DE4 11	-TATLABOOSA: 12	_TENNESSEE 13_TOMRIGHEE	

1 1-ALABAMA; 2-BLACK MARKIOR; 3-CAHABA; 4-CHAITABIOCHEE, 5-CHOCTAWBATCHEE; 6-CONECUB: 7-COOSA; 8-ESCAMBIA; 9-GULP; 10-PEA, 11-TALLAPOOSA; 12-TENNESSEE; 13-TOMBIGBEE

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office. Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Stations appearing in the .ndex, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperatures in °F, precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 4 are from recording gages. Traces are not show

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

- No record in Tables 3, 4, 6, and the Station Index. No record in Tables 2 and 5 is indicated by no entry. When hourly precipitation is missing or accumulated for neveral days, only the first and last days are shown in Table 4.

 Amount included in following measurement, time distribution unknown.

 (Sage is equipped with a windsheld.

 Station not equipped with recording gage. See table 4 for 6-hourly measured amounts.

 Adjusted to a full month.

 When or more days of record missing; see Table 5 for detailed daily record.

 Trace, an amount too mail to measure.

 Included total for previous month.

 Bully amounts from recording gage at the same site may be found in Table 4.

Subscription Price: 15 cents per copy, monthly and annual; \$1.50 per year. (Yearly subscription includes the Annual Summary.) Checks, postal notes and momey orders should be made payable to the Treasurer of the Waited States. Remittances and correspondence regarding subscriptions should be sent to the Weather Records Processing Center, 430 Post Office Building, Chattanoga 2, Tennemede.





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CLIMATOLOGICAL DATA

ALABAMA

JUNE 1950

Volume LVI Noi 6



CLESSON, S. C.

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ALABAMA - JUNE 1950

A. R. Long, Section Director - Montgomery

WEATHER SUMMARY

For the State as a whole, the first ten days averaged wet and cool, and the remainder was warm and dry.

The range of temperature was rather large. Minimums on the morning of the 5th and again around the end of the month were near record lows for the time of year over much of the State, and afternoon maximums exceeded 100° in some southeastern localities around the 26th

Nearly all stations had good rains between the 2nd and the 10th, but during the last 20 days of June and the first three days of July, rainfall over two thirds of the State was less than an inch, and serious drought was becoming widespread as the month ended. The chart on the following page shows the areal distribution of precipitation during the period for June 11 to July 3, inclusive. The showers which occurred during the last 20 days were mostly around the 21st. There were a few other widely scattered showers in the extreme south on the 18th to the 20th.

The dry weather of the last 20 days was very favorable for harvesting small grains and miscellaneous seed crops, and for saving hay, and it permitted farmers in the north to catch up with field work that had been hindered by wet soil during the spring. The outlook for cotton brightened considerably during this period, but early corn in the south was damaged greatly by insufficient moisture which evaporated rapidly in the hot sun during the fruiting period, and vegetable crops and pastures in the dry areas deteriorated considerably.

A single lightning bolt killed two men and two mules in a field near Boaz, in Marshall County, on the 20th.

The waterflow in Lightwood Knot Creek, near Opp and Andalusia, and in Patsaliga Creek, at Luverne, was lower at the end of June than at any time since the USGS began gaging these streams seven years ago. There were, of course, no floods in any of the rivers.--FCP

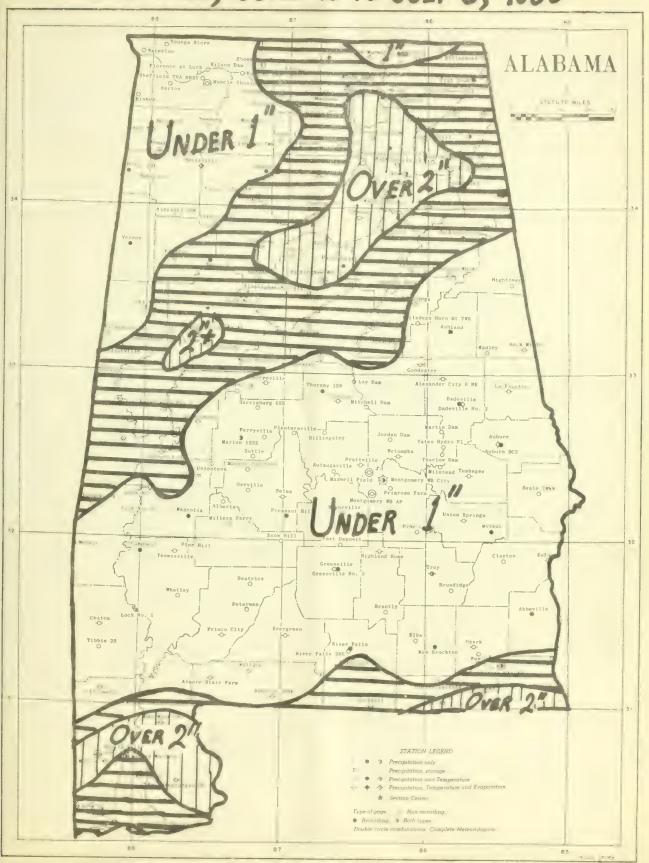
ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclima tic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$250,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$250,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U. S. Weather Bureau, Washington 25, D. C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

RAINFALL, JUNE 11 TO JULY 3, 1950



SUPPLEMENTAL DATA

ALABAMA JUNE 1950

																			0.01	2 1550
	Wind	direction		Wind m.	speed p. h.		Relati	ve hum	idity ave	rages -		Numl	per of da	ays with	precipi	itation			nnset	10
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30 a CST	6:30 a CST	12:30 p CST	6:30 p	Trace	60:-10:	.1049	.50–.99	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to su	Degree days
ANNISTON WB AP	-	-	-	-	-	-	-	-	-	-	0	2	2	2	0	1	7	-	- '	-
BIRMINGHAM WB AP	SW	11	6.7	35	SW	20	86	85	57	61	1	0	8	1	1	0	11	70	6.2	1
MOBILE WB CITY	st	13†	8.5	37	SE	6	87†	87†	621	72†	2	4	2	5	0	0	13	59	5.0	0
MONTGOMERY WB CITY	NW†	11†	5.7	21	SW	18	83†	83†	54†	63†	2	7	3	0	1	0	13	71	5.3	0
† AIRPORT DATA																!				

Table 1

COMPARATIVE DATA

Table 1							COM	MILA	TIAT	DAIA							
		l'emperature	0	Precip	itation			Temperature	Ð	Precipi	itation		-	Temperatur	9	Precip	itation
Year	Average	Highest	Lowest	Average	No. of days	Year	Average	Highest	Lowest	Average	No. of days	Year	Average	Highest	Lowest	Average	No. of days
1884 1885 1886 1887 1888	75.2 79.1 76.8 78.1 77.3	100 98 97 102 98	45 54 52 48 48	7.04 3.73 8.35 3.80 5.57	15 9 17 8 8	1909 1910 1911 1912 1913	78.1 75.6 80.6 75.1 77.6	100 99 105 100 107	53 43 48 48 40	7.85 6.98 3.86 5.11 3.54	14 12 9 10 8	1934 1935 1936 1937 1938	80.1 77.2 81.1 80.2 77.5	105 100 107 103 98	52 48 45 51 50	4.79 3.70 1.91 3.66 4.55	10 8 4 9
1889 1890 1891 1892 1893	76.0 79.4 79.6 78.2 77.4	101 103 104 105 101	36 50 41 56 50	4.74 3.28 5.14 4.76 4.95	10 8 9 11 10	1914 1915 1916 1917 1918	83.1 78.8 77.5 77.7 79.7	109 104 100 104 107	51 46 50 42 50	2.66 3.67 3.35 3.21 4.22	6 8 8 7 8	1939 1940 1941 1942 1943	79.1 77.3 78.8 78.7 81.8	103 99 101 101 101	57 49 47 50 58	6.30 6.43 4.24 5.72 3.50	14 12 10 11 8
1894 1895 1896 1897 1898	77.7 78.3 77.2 81.1 80.5	102 100 100 105 103	39 50 48 44 55	2.23 5.60 5.39 1.83 3.62	6 10 11 6 8	1919 1920 1921 1922 1923	78.5 77.0 81.0 78.7 77.1	100 101 103 102 98	56 50 56 50 45	4.17 4.50 1.83 3.64 3.99	9 7 5 9 10	1944 1945 1946 1947 1948	81.1 79.2 76.6 77.4 79.5	104 101 99 98 102	48 48 41 41 50	2.80 3.45 5.52 4.70 3.58	7 8 8 9 7
1899 1900 1901 1902 1903	79.9 76.5 78.6 81.0	105 98 103 106	49 58 48 47 42	2.83 11.04 2.79 1,22 4.92	6 18 8 4 10	1924 1925 1926 1927 1928	79.5 81.1 77.6 78.2 76.0	102 104 101 102 99	49 55 40 55 50	5.35 2.25 4.92 5.28 10.16	11 6 9 13 13	1949 1950	77.9 78.2	98	54 46	5.76 3.62	
1904 1905 1906 1907 1908	78.1 79.3 79.2 75.8 77.7	103 102 101 166 102	47 49 52 41 49	2.85 4.36 3.41 2.86 2.74	7 10 8 8 7	1929 1930 1931 1932 1933	77.1 77.4 79.9 79.1 78.5	99 108 109 102 109	46 41 44 55 45	5.23 1.95 1.50 5.01 3.04	10 5 4 11 7	PERIOD	78.2			4.26	

Table 2	_, _							T									JUN	E 1950
				Temperat	rure	,							Precipitatio	n				
		ৰ					No. of	Days		7			Snow	, Sleet, H.	ail	No	of Day	8
Station	Average	Departure from Normal	Higbest	Date	Lwest	Date	Max 90° or above	Min. 32° or below	Total	Departure from Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.01 or more	.25 or more	1.00 or more
NORTHERN DIVISION		• • •					-											
ALBERTVILLE 1 S ANNISTON WB AIRPORT BELLE MINA 2 N BIRMINGBAM WB APT BIRMINGRAM WB CITY	75 2 76 6 75 6 76 8 78 7	1 5 0 0 0 8	96 96 96 96 97	16+ 18 18+ 18	56 53 48 51 52	! 7+ ! 5 ! 5 ! 5	12 14 14 13 16	0 0 0 0	5.19 3.74 4.97 5.57	1 07 51 1 11	3 60 1 07 1 94 2 31	4 2 21 21	0,0 0.0 0.0 0.0			5 6 10 12	4 6 9 6	1 1 1 1
CORLOVA DECATUR FAYETTE GAUSDEN GOODWATER	78 3 76 5 75 9 76 4 77.?	1 4 - 1 4 1 0 0 6	98 95 98 98 97	18 18 27 18 27	50 54 48 53 55	5 5 1 5 1 12 1 5	1 13 1 11 1 14 1 13 1 13	0 0 0	3.80 3.69 3.02 2.47 5.32	32 - 10 - 1.46 - 1.70 1.00	1.31 1.06 90 1.43 2.32	22 3 21 21 3	0.0 0.0 0.0 0.0			7 8 7 9	5 5 5 2 5	1 1 0 1 2
BALEYVILLE HUN RSVILLE MADISON MUSCLE SHOALS CAA A ONEONTA	73 7 75.5 76.6 76.7 76.1	0 4 0 4 0 7	92 95 95 98 97	26 18 19 26 19	47 52 56 54 54	5 5 5 5 1 5	5 11 12 11 15	0 0 0 0	5.35 2.36 4.58 4.07 3.91	1 95 32 40 48	1 65 65 1 85 2.71 1.79	4 9 3 10 21	0.0 0.0 0.0 0.0		! ! !	6 6	5 5 5 3 4	2 0 1 1 2
ROCK MILLS SAINT BERNARD SAND MIN STA FRM AP SCOTTSBORO TALLADEGA	77 5 75.1 73 8 75 1 76 6	0.6 0.0 - 1.6	98 95 92 97 95	26+ 19 18 18	55 52 50 48 52	5+ 5 1 5 1 5	19 11 2 12 13	0 0 0	4.90 6 76 5.55 3.96 3.69	57 2.49 46 89	1.45 2 20 1 27 1 53 1 74	5 4 3 4 4	0.0 0.0 0.0 0.0		1	8 7 8 1 7 1 8 1 7 1 8 1 7 1 8 1 7 1 8 1 7 1 8 1 7 1 8 1 7 1 8 1 7 1 8 1 7 1 8 1 7 1 8 1 7 1 8 1 7 1 1	6 7 7 4	2 2 3 1
TUSCALOOSA CAA APT UNIVERSITY VALLEY HEAD	78.8 78.4 71.0	- 0.5 0.9 0.8	99 97 97	18 18 20	53 55 46	5 5 5	20 15 11	0 0 0	4.47 5.01 4.61	.40 .94 .32	1.70 2 97 1.11	21 21 21	0.0 0.0 0.0			9 9	6 4 6	1 1 1
DIVISION	76 3								4.41									
MIDDLE DIVISION ALEXANDER CTY 6 NE AUBURN CAMDEN CAMDEN CAMP BILL 2 NW CENTREVILLE	76 2 78 5 80 0 75 7 81 1	0 6	97 98 100 97 99	26 - 27 - 25 - 26 - 18	53 56 60 52 62	5 5 5+ 5	14 15 19 16 17	0 0 0	3.20 2.57 1.75 2.66 4.16	. 1.49	1 04 59 70 1 00 2 20	4 8 8 8	0.0 0.0 0.0 0.0		1	7 8 7 8	14 5 2 3 4	1 0 0 1 1
CLANTON DAYTON EUFAULA GREENSBORG GREENVILLE	78 7 80 0 81.1 79 7 80.3	0 6 1 9 0 8	99 97 103 99 99	27+ 17+ 25 17 18-	54 52 60 56 59	5 5 5+ 5 1 5	15 21 20 18 17	0 0	2.78 1.06 3.09 1.54 1.37	1.31 1.13 . 2.13	1.40 61 .56	8 21 8	0.0 0.0 0.0			10 9 5 11 9	3 1 2	1 0 2 0
HIGHLANY HOME LA FAYETTE LIVINGSTON MARION JUNCTION 2 M MAXWELL FIELD	79 0 76 8 78.7 78 7W 81.3	0 3	97 98 97 98 99	27 26 18 18	57 55 56 55 61	5 5 5 5 1 5	16 13 14	0 0 0 0	2.91 3.81 3.85 3.87 2.98	- 1.59	87 . 96 1 45 1.49 1.65	9 4 21 8 9	0.0		1	8 10 10 9	4 3 4	0 0 1 2
MONTGOMERY WB APT MONTGOMERY WB CITY PRATTVILLE PUSEMATAHA SELMA	79 8 80.1 79 2 78.9 80.5	0 8 1 0 0 2 0 7	99 97 98 98 99	27 17- 18 18	58 60 58 56 57	5 5 5 6 5	19 17 17 15 21	0 0 0	2.40 2.39 2.58 2.12 3.49	- 1 41 - 1.25 - 2.66 .20	.97 1.44 .96 1.54 1.51	9 9 9 21 9	0.01 0.01 0.01		 	11 11 9 4 8	3 4 2 3	0 1 0 1
THOMASVILLE TROY TUSKEGLE UNION SPRINGS WETUWPKA	79.6 80.5 80.0 79.3 80.2	0 1 0 9 0 4 0 4	98 99 99 99	18, 19, 19, 26, 25,	60 58 58 57 58	5 5 5	1 17 1 19 1 19 1 20 1 19	0 0	.90 .63 2.59 2.64 2.45	- 3.38 - 3.09 72 - 1.50 - 1.70	.54 .35 1 26 80 74	9 9 22 5 9	0.01 0.01 0.01 0.01		I I I I	5 5 10 10 7	1 1 2 3 4	0 0 1 0
DIVISION SOUTHERN DIVISION	79 4								2.55									
ANDALUSIA ATMORE STATE FARM BAY MINETTE BREWTON 3 SSE CRATOM	80 9 81 2 80 2 79 0 78 0	0 6 0 2	100 101 98 101 100	28 27 27 27 27 27	60 60 61 55 54	5 5 5 6 5	22 19 19 19 19	0 0 0	1.90 2.42 3.45 2.63 4.26	1.95 2.67	67 .66 1 57 68 1.23	22 7 7 9	0.01 0.01 0.01 0.01		[7 7 6 8 10	3 3 5 4	0 0 2 0 3
CITRONELLE DOTHAN CAA AIRPORT EVERGREEN CAA APT FAIRHOPE FORT WORGAN	79 5 81 4 79.2 79 6 81 6	0 2 0 2 0 3	97 102 99 97 96	27 27 18- 26- 26-	62 61 58 60 68	5 5 5 5 5 5	1 18 23 1 19 1 16 1 9	0 0 0	4.46 4.49 1.70 4.44 3.66	.92 .14 2.63	1 59 1 11 60 70 1 75	2 16 2 7 16	0.0 .TI 0.0 0.0			8 10 12 14 7	5 5 2 8 4	2 1 0 0
FRISCO CITY GENTYA HEADLAND LOCKHART MOBILE WB AIRPORT	79 9 80 3 80 9 80 4 80 2		98 103 101 99	18 - 28 27 28 - 27	58 59 59 60 63	5 5 5 5 1 5	18 23 21 18 17	0 0 0 0	4 26 3.23 .89 2.52 7.78	.33 1.23	1 07 1 13 43 68 3.12	19 21 5 17 20	0.01 0.01 0.01 0.01			1 12 10 3 11 10	6 4 2 4 7	1 1 0 0 2
MOBILE WB CITY OZARK ROBERTSUALE 7 E SPRING HILL	81 8 81 1 79 1 81 1M	1 5 1 5	100 161 47 49	27 27 27 28	64 59 58 63	5 5 5 1 5	18 19 15	0 n 0 n	4.23 1.43 11.06 6.92	1 20 3.15 4.89 .58	86 60 3 01 2 12	2 9 7 20	0.0 0.0 0.0		 	11 9 12 11	6 2 8 8	0 0 3 2
DIVISION	80 3 78 1	0 0							3.99	0.64								

DAILY PRECIPITATION

ALABAMA

Table 3				_			_								. 111			. 1 4 3														JUN	LABAM/
Station		1	2	3	4	5	6	7		8	9	10	11	12	13	14		of m	onth 17	18	19	20	21	22	23	24	25	26	27	28	29 30	31	Total
ABBEVILLE ADDISON ADDISON CHTRL TOWER ALBERTA ALBERTVILLE 1 S	R		1.04	1.45	2.83	j.l		2.1		.00 .20 85	.32	.91	72.27				. 03		05	. 24		.48	.24	.45 .71					† *	.32			4.66 5.17 5.36 2.89
ALEXANDER CTY 6 NE ALICEVILLE ANDALUSIA ANNISTON WB AIRPORT ARLEY			т	, 50	3.60	T		.3 T	10	.98	.22 .35 .46	T .83		_98		Т		, 08 T	.10			.12	.97 .05 .40	.26 .67	2.10				.02	.90			3.20 3.13 1.90 5.15 6.83
ASHLAND ASHVILLE ATHENS ATMORE STATE FARM AUBURN	//R Z		.08	. 08 . 20 . 50 . 53	1.00			. 6		.05	.72 .65 T .38	.56 1.09	.05					.37	.10		т	35 .58 T	. 26 1.51 .96	.62	. 11								3.25 4.34 4.34 2.41 2.51
AUBURN SCS 10 AUTAUGAVILLE BARTON BAY MINETTE BEATRICE	R	.95	1.10	.40 .63 .10	, 27			1.5		.17	. 20		2.30								.06	.45	.45	.14	.06								2.60 3.63 4.53 3.45
BELGREEN BELLE MINA 2 N BERRY BEXAR 2 SE BILLINGSLEY	R R		1.20 1.07 .95 1.32	. 23	.06	. 77				. 20	. 20	.15 2.84	.34								.03		.67 1.38 .05	.64 .45 .52 16	Т								4.29 3.74 3.12 6.43 1.90
BIRMINGHAM WB APT BIRMINGHAM WB CITY BISHOP BOAZ BRANTLY	z		. 25	.98	, 59			. 1		.32	. 29	.34 .65 .35 .13	.01 .65 .26				.31					.40	1.94 2.31 .12 1.77	T 1.66					.49				4.91 5.51 2.45 4.99
BREWTON 3 SSE BRIDGEPORT 2 W BRUNDIDGE CALERA CAMDEN			.50		.30			T .3	19	.12 .03 .07 T	.68 .33 .35	.48 .12 .39	.20 T					Т	Т			,50 ,19 T	. 20 . 49 . 04 . 41 . 06	.37 .35 .26									2.63 3.90 1.20 2.06
CAMPBELL CAMP HILL 2 NW CARBON HILL CENTER GROVE CENTREVILLE	R	. 11	.05	. 82	1,60 1,17	Т	. 1	5	2	.10	.09 .15 .40 .17 .76	.12	1.25 .62 .60					.56				62 .14 T	.21 .14 .51 .62 .25	. 25	Т								1.84 2.66 5.28 4.36 4.16
CHATOM CHILDERSBURG CITRONELLE CLANTON CLAYTON			1.59	.03 .06 T	.36	.16 T	Т	.7	9 1	. 17 . 30 . 14	1.23 .60 .34 .57	1.19 .05 .12 .05	.12					. 25			1.05	.10	. 13	.60						.23			4.26 2.77 4.46 2.78
COFFEE SPRINGS COLLINSVILLE COLUMBIA CORDOVA CUBA			.01	.60 .50 .03 .20	1.30	. 20			12 1		.17	.21	. 28	. 55		. 20	т	.20	. 15		.50 T	.24	.30 .71 .10 .98	1.69							. 2	\$	3,20 6,26 3,00 3,80 3,56
DADEVILLE DADEVILLE NO 2 DANCY DANVILLE DAYTON	R		.18	. 32 . 23 1. 93 . 03	.93			.1	2 1		.92 1.03	.03 .75 .28 .03	.45					. 04				.09	.58 1.02 .32 .24	.57	.31				.12				2.00 2.33 4.83 4.23 1.00
DECATUR NO 4 DECATUR NO 4 DECATUR SUBSTATION DEMOPOLIS LOCK 4 DOTHAN CAA AIRPORT	z			1.06 1.40 1.87	.57			. 6		. 13	.34 .36 .40 1.27	.96 .80 .75 .04	.37 .49 .43				.07	T 1.11				.58	.14 .16 .15 1.59	09 1.06 .93 .69	T					.91			3,69 4,84 5,29 4,30 4,49
ELBA ELROD EUFAULA EUTAW LOCK NO 7 EVERGREEN CAA APT	z	.40	.60	.03	. 13	. 18	.1		.5	.10	. 82 . 20 1. 12	.01						;		.37	.07	.06	.72 .68 .02	.35						28			1.59 2.40 3.09 1.59 1.70
FAIRHOPE FALCO 5 NE FALKVILLE FARLEY FAYETTE			. 56 T	1.82 1.09	.50 .91 .47		.0	9 .7	3	.01 .23 T	. 26	. 68 . 19 . 71 . 28	. 29			.04	.37	.28			.31	. 56	.92 .91 .90	.98	, 97								4.44 2.22 5.84 4.83 3.02
PLAT ROCK PLORENCE AT LOCK FORT DEPOSIT FORT MORGAN FORT PAYNE	R //Z Z		.60	. 60	.05 .16	.03	.9	5 .3	0	.14	. 14	. 19	1.80		. 08	.10	. 15	1.75			.48	.60 T .25	.43 .74 T	.58 13 .36 .10 .29									4.43 4.44 2.85 3.66 3.91
PRISCO CITY GADSDEN GAINESVILLE GARDEN CITY GENEVA	Z			,91 ,06 ,15	.49	.03		.5		.15	.40 .02 T 1.26	.03 .15 .04 .33	.05 .38 .42 .07				.51	.04	, 21		.21 .15		1.13	.38 .21 .10						1	,		4.26 2.47 3.16 4.22 3.23
GOODWATER GORGAS GREENSBORO GREENVILLE GREENVILLE NO 2 GULF SHORES 2 SSE	R		.03	2.32 .26 .06	.70	. 27		.7	9	.14	.48 .92 .14 .17	.04	.34					.03				.15	.23 1.46 .61 T	T .29 .02 .06					.18	1,05			5.32 4.25 1.54 1.37 1.67
GUNTERSVILLE REC GUNTERSVILLE DAM HALEYVILLE HAMILTON HARRISBURG 6 SE	R Z		.51	1.38	1.50 1.68 1.65 2.16			2,2	2	. 26 . 69 T	.57	.35 .03 .43 .03	.95 1.82				.02	,11	1 18			.41 1.52	. 28 .35 .20 .03		.01								9.36 4.08 5.35 5.68
HAYNEVILLE HEADLAND HELENA HIGHLAND HOME HIGHLAND HOME			.06	. 46	2.35	. 43		.2	13	.59 .75	.60 .72 .23 .87	. 24						.91			.86 .08	.40	1.33	.10						T			2.46 .89 7.16 2.91
HIGHOWER HUNDES HUNTSVILLE SUBSTA HUNTSVILLE HYTOP JACKSON SHOALS			. 35	1.55	.13	.03		T		.65 T	.65	1.36 .36 .38				, 60						.05	. 25	.12 .90 .44 .25	.45					.65			6.16 5.04 2.36 4.97
JACKSON LOCK 1 JACKSONVILLE JORDAN DAM LA FAYETTE	Z R		. 10	.38	2,95 ,66 ,09	, 36			6	. 04	.28 2.31 .29 .21 .44	.06					06	. 54	Т		.02	.04	.29 1.12 .94	. 17					. 79				2.49 7.32 2.81 1.32 3.81
LAY DAM LEEDS LEESBURG LIVINGSTON LOCKHART	Z		.11	. 06	.09	.42		.8		.15	. 24 . 74 . 76 . 08 . 05	.28					т	.04 T .04	. 68		. 22	.07	. 14 . 72 1 . 20 1 . 45	.04	.02				.65	,07		1	3.26 3.50 4.27 3.85 2.52
LOCK NO 17 MADISON MAGELLA MAGNOLIA MARION 1 SSE	R Z		.05	. 44 1. 83 . 30 . 12 . 07	1.14	. 02				.06	.01	.74 .01 .15	.54 .43 .23					. 11					1,02 ,10 1,60 ,10 ,15	.32 .96 .36 .03	Т					. 20			3.09 4.58 4.17 1.87 2.95

Table 3-Continued	-															Des	of m	onth															1950
Station	- 1	. 2		3	4	5	6	7	8	9	10	111	12	13	14				18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
MARION JUNCTION MARTIN DAM MARWIN DAM MAXWELL FIELD MELVIN	1		05	11 12 06 1 20	39 05 02 52 40	02		T 01	1 4 0 2	2 3 20 8 1 03 6 60 9 1 65	73 02 03	516				-			1	60	16	25 21 16 +1	30 25					ī	ов				5 85 3 87 2 24 2 98 2 75
MERTZ 3 E MIDWAY R MILLERS FERRY MILSTEAD MOBILE WB AIRPORT			53	.23 .40 T	.33 .15 T	. 06	.37	.55 .10 .16 2.32	. 5	5 .05	.27 .05	.18				т	.30 T		• T	.11	° T 3,42	1,00	.10					.01					2.81 1.53 2.32 7.78
MOBILE WE CITY Z MONTE SANO MONTEVALLO MONTGOMERY WE APT MONTGOMERY WE CITY Z		İ.	32	. 18 e .01	.65 .98 1.18 .55		. 59	.62	. 2	, 10	.49	.43					.01	T . 14	.02 T	. 19	.76	.01 .26 .15 .04	.82	. 86				,02 T					4.23 5.22 2.40 2.39
MOULTON B MUSCLE SHOALS CAA A NEW BROCKTON R NEW WERG NEW MARKET			90 33 03	.44 .74 .29 .35	.06 .01 .05 .67			. 05	.0	1 ,10	.76 2.71	1.17				. 05	.04			.05	.08	.44	.39 .02 .75 .89	.03									3.28 4.07 1.13 3.88 2.78
NEWTON ONEONTA ORRVILLE OZARK PAINT ROCK R		1.	15	.20	.32 .15 .12	. 22		.11	.0		.30					. 13	.05			,09	.04	1.79	.28 .27 1,20										.70 3.91 2.63 1.43 4.92
PALMERDALE PENNINGTON LOCK 2 PERRYVILLE PETERMAN R PICKENSVILLE				.98 .12 .06 .96	.40 .54 .14 .36		.08	. 47	1.5		.36	, 84							.14	.46		1.87 .24 .41 .30	.85 .08 .20						.11				2,26 1,58 3,90 2,54
PINE BILL PINE LEVEL PLANTERSVILLE PLEASANT GROVE SCH PRATTVILLE			28	.02 .18 .54 .10	.75 .24 .80 .36 .60	. 18		. 10	1.0	1.15	.40	. 75								.50		.18 .63 .25	.26	.05					.04				2.56 1.36 3.21 3.59 2.58
PRIMROSE FARM PUSHMATAHA RED BAY REFORM RIVER FALLS			1	.09 .31 .14 .48 .03	.74 .13 .46 .93	T		т	.6	1	1.73 .25 .03										.10	.14 1.54 .25	.28	.14		Т			. 12				3.30 2.12 3.97 2.42 .84
RIVER FALLS 2 WE ROBERTSDALE 7 B ROCK MILLS SAINT BERNARD SAND WIN STA FRM AP			10	.04	.48 .41 2.20	1.45	.71	3.01	1.1		.16	.71	İ		. 85	.06		2.15		.04	.43	.02 .33 .60 .57	.03					.07					.71 11.06 4.90 6.76 5.55
SAYRE SCOTTSBORG SCOTTSBORG SUBSTA SEALE 7 "NW SELMA		1.	1 2	. 45	.26 1.53 1.70 2.40	.07		T	3	.04 .05 T -7 1.51	.19	. 15	1								.21 T	1.69 .63 .68	.43 .54 .22 .50	.38					. 27				4.10 3.96 3.62 3.49
SHEFFIELD TVA NRSY SHOŁMAKER SPRINGS SLOCOMB SNOW HILL SOUTH BILL	1	8		.40 .12 .22	.87 .27 .17 2.12	T .05		.30	1.1	.11 .48 5 8 1.33 .50		1.36	1			Т	, 06	. 50			.93	.07	.06								.69		4.16 5.33 3.45 5.60
SPRING HILL SUTTLE SWAIM SYLACAUGA SYLVANIA				.13 .52 .58 .05	.65 .59 1.17 2.55			.02	.6:	1 1.50	.05 .15 .72 .02	. 29			.06		. 80			, 28	2,12	1.20 .16 .31 .07	T .62 .21 .83	.40					.63				6.92 2.54 3.67 2.62 5.13
TALLADEGA TALLADEGA HRM MT TR THOMASYILLE THORSBY 1 SW R THURLOW DAM	1	1 .	01 02 1	.04	1.74	. 40		.02	.0	5 .01 4 .54 5 .10	.03					. 03			.05	,34	.28 .51 .03 .26	.68 .12 .15 .06	.04					.12					3.69 3.89 .90 2.65 2.71
TONEY R TRAFFORD Z TROY Z TUSCALOOSA CAA APT TUSCALOOSA LCK DAM			39	. 40 . 82 . 35 . 18	.08 .12 .23 .40	.02		. 24	.8	.35 .35 .01 3 .70	.65 .80 .16	.20									.06	.20 1.80 1.70 1.75	.20 .56 .04										3,38 4,30 .63 4,47 4,64
TUSKEGGE UNION SPRINGS UNIONTOWN UNIVERSITY VAILEY HEAD		1.	36	.05 .61 .05 .20	.65 .18 .08 .97	.01		. 18	. 43	.05	. 20	. 16					.01	.22		.01 .34 .18	.02	. 17	1.26 T .27	T	.01								2.59 2.64 1.86 5.01 4.61
VANCE VERNON R MADLEY MALLACE WALLACE WALLACE		١.	37 1	,80 ,20 ,95	.81 .02 1.65			, 10	. 63	.02	.64			. 33						.09	.14	2.15	.60										5.83 2,38 - 2,41
WATERLOO WEST BLOCTON WEST BLOCTON WEST BLOCTON WHATLEY WHEELER DAM	. 08	5, .	14]	.95 .97 .39 .52 .76	.36	. 23		. 10 T	T	1 1.20 .74	.20 .10 .04 .04	1.02				. 05					.04	.02	.61	.10			.03						2.47 5.70 2.45 1.80 3.67
WHITPIELD LOCK 3 WILSON DAM WINPIELD 2 SN YATES HYDRO PLANT YOUNGS STORE	1	1.	02	.22 .53 .94 .03 .48	.07 .67 1.17	.08		.03	.00	7 1.28	.10	2.04 1.06 .06								.03	.26	.60 .04 .07 .02 .24	.38 .07 .07 .09	т									1.83 3.65 3.47 2.18 1.47

ALABAM JUNE 195

Table 4			-			-	_			_															Ju	NE 19
Station				-		A. 1	M. Hou	ır endi	ng				r 1					P. N	M. Hou	ır end	ing					Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	T
													-ls	t-												
PLEASANT HILL		-	-	-	-	-	-	-	-	-	-	-	- 1	-	-	-	-	-	-	-	-	-	-	-	-	-
													-26	d-				0.4	0.0							
ABBEVILLE ADDISON ASHLAND	//																06	.04	.02	.06	.02	.02	. 02	.01	.01	1.0
ATMORE STATE FARM AUBURN SCS 10	//													. 04	01	.07	. 33	.02	.02	95		01				. 4
BELGREEN BERRY															. 30	20	. 01	75	.15	. 09	.03		.02	. 01		1.2
BEXAR 2 SE BIRMINGHAM WB APT							08		. 01		1					01	. 03	.05	.16	.03	. 01	. 02		. 05	. 02	. 2
CAMPBELL DADEVILLE NO 2											!			.02	.02		. 01	. 04		. 09	. 06		.01			.0
DOTHAN CAA AIRPORT EUTAW LOCK NO 7																.15	. 08	.02	. 02	03	.01					. 2
EVERGREFN CAA APT FLAT ROCK	6								*	*		*	*	.11	•	*	*	*	•	49	. 27	. 13	. 20			. 6
FORT MORGAN FORT PAYNE GARDEN CITY	//												15					01	.01		. 08	. 01	00			.0
GREINVILLE NO 2 GUNTERSVILLE REC											1						. 10	06	.04	. 57		. 03	.02	. 05		. 7
HALEYVILLE BUNTSVILLE	6														*	.39	.10	.01	. 27	.14	. 04	. 02	. 32		. 01	
JACKSON LOCK 1 LAY DAM											1		. 10	04	.03	.01	02	01	.05	. 01						. 0
MARION 1 SSE																.05	0.5		0.0							. 0
MIDWAY MOBILE WB AIRPORT MOBILE WB CITY	6								*	*	* . 04		* 06	.18	* . 54	*	*	*	. 30	. 23						. 5
MONTGOMERY WB APT MONTGOMERY WB CITY	6										.04			. 21.10	*	*	*	13	.05	. 32						. 1
MOULTON MUSCLE SHOALS CAA A	6					*		.14	.04	*				.02			*	03	. 29	. 20		.01	01	.08		. 9
NEW BROCKTON PAINT ROCK										.03					0.5	0.0	1.0	0.1	40	.01	. 59	. 09	1			1.0
PETERMAN THORSBY 1 SW TONEY										.40					.05	. 23	. 16	.01	.03	.01	. 10	.02		. 13		. 4
TRAFFORD TUSCALOOSA CAA APT	6									. 40								.01	55	. 24	.02			*	*	. 8
UNIVERSITY VERNON														. 01	.01	.28	.03	.13	.01	01			. 03	. 01	. 01	. 3
WIDOWS CREEK STM PLT													-3	۸_				. 82			. 37	26				1.4
ADDISON ANNISTON WB AIRPORT	6													u	. 28	.17	12	13	17	.04	01	.05	.02	.06	.40	1.4
ASHLAND AUBURN SCS 10	//												,		_		.05	.03		. 20	20					. 00
BELGREEN BERRY		.02	. 04								.04			.10	. 17	10	. 20	.08		.01				.04	. 08	. 70
BEXAR 2 SE BIRMINGHAM WB APT		.01	.02								.01	.01	23	. 01	05	. 24	01	.01		.01	03	.26	.01		.06	. 11
BOAZ CAMPBELL DADEVILLE NO 2								. 30			01	.01	. 01	. 01			.01	.02	01	04	. 01		. 01	. 01		. 03
EUTAW LOCK NO 7 EVERGREEN CAA APT	6							. 50			0.1		02	, 01			02			.01						. 04
FLAT ROCK FORT PAYNE								. 01	01								. 20	.02	03	04	.04			.01	. 40	. 4:
GARDEN CITY GUNTERSVILLE REC		0.1	.01	.01	0.1	. 01	0.0	0.1	0.4			0.7	0.4	0.1	0.1	01	0.0	04	17.	.01			.02		. 63	1.6
HALEYVILLE HUNTSVILLE JACKSONVILLE	6	.15			.01	.02	. 02	.01	04			.01	04	01	*	.07	.11	21 *	02	. 08	* .01	.02	.04	.02	. 53	1.4
LAY DAM MAGNOLIA												.01	.06	01	01	.01	.03	.01	. 01					.02	.02	. 0
MARION 1 SSE MONTGOMERY WB APT	6												.10	.01	*	*	٠	*		.01	.02					. 13
MONTGOMERY WB CITY MOULTON		.01						07			1		. 02	0.5	02	.08	.01	.08		67	*		1		.04	. 0:
MUSCLE SHOALS CAA A PAINT ROCK PETERMAN	6	. 18	.01	.02	*	01	.01	.09	٠	*	1	*	*	. 07	*	.02	.02	•	06	57 09		•		,19	•	. 4:
THORSBY 1 SW TONEY			.04	.02	. 02	. 01	. 01				1				18	02	34	.01		. 17			. 01		. 02	. 5
TRAFFORD TUSCALOOSA CAA APT	6	. 07				01					*		01	.01	*	*	.01	01		. 26	.02	* 01	01	٠		. 01
UNIVERSITY VERNON						01	01		. 01	.01		. 01	01	.01	01	78	.06				.12		.06	.01	.03	1.20
WIDOWS CREEK STM PLT														,		.09								.22	.01	. 35
ABBEVILLE											.01		-4 1		02											. 20
ADDISON ANNISTON WB AIRPORT	6	. 24	.06	*				3.60																		. 30
ASHLAND ATMORE STATE FARM		A1		.01	01	.21	1 26	. 21	03	.07	01															1.72
BEXAR 2 SE BIRMINGHAM WB APT BOAZ		.01	.73	.01	17 01	11	15	02		0.5																. 41
CAMPBELL DOTHAN CAA AIRPORT			. 10	0.3	UI		13	172	18	01	114	.01		02	41	03	01									. 19
EUTAW LOCK NO 7 EVERGREEN CAA APT	6		01				() 5	0.1	* 01		91	4		04	2.					01						. 07
FLAT ROCK FORT MORGAN	//	66	44	. 62				01	10	06	00															1.82
FORT PAYNE GARDEN CITY GREENVILLE NO 2		10	.02	01	. 57	.01	.02	171	01		0.1	.01	3.1	. 04	01	01										. 14
GUNTERSVILLE REC HALEYVILLE		.17	. 70	51	03			19	01		(7.1	.01	. 51	, 01	71	71										1.50
HUNTSVILLE JACKSON LOCK 1	6	16 02	٠	01	٠	+	٠	13																		. 03
JACKSONVILLE LAY DAM		01	19	23		25 1.91	12 06	01	01																	2.08
MARION 1 SSE MIDWAY			42		06		01	. 11	.02	. 15		0.2														. 55
ma well 1										.02	20	. 03														

See reference notes following Station Index.

Table 4-Continued												711	1111	LIIC	714												E 195
Station						A	L. M. H	our en	ding					П					Р. М.	Hour e	ndin	3					
0101003		1	2	3	4	5	1 6	17	8	9	10	11	12	1		2 3	. 4	1 5	. 6	3	7	8	9	10	T	1 10	Total
-								-									+			,		0	.9	10	11	12	
MOBILE WB AIRPORT MOBILE WB CITY	6		•	٠	٠	65	0	53	3																		
MONTGOMERY WB APT MONTGOMERY WB CITY	6					- 60	01			0 :	5 32			5	5												63
MUSCLE SHOALS CAA A	6	. 01			[0			06		0;) 52	3 0;	3														41
NEW BROCKTON PAINT ROCK		. 49	. 22		01	02		01																			0.5
PETERMAN THORSBY 1 SW			.02	02	03 52	32		02	20	. 02	1 01	. 08	0:	1													73 1.4
TONEY TRAFFORD		. 08		.01	, 02	01																					1 18
TUSCALOOSA CAA APT UNIVERSITY VERNON	6	.10	* 04					21																			0.5
WIDOWS CREEK STM PLT		.72	. 03	01		01																					08
														5th-													75
ATMORE STATE FARM EVERGREEN CAA APT	6												(JUI										0.1	.35	. 04	40
FORT MORGAN JACESON LOCK 1	//													02	0	2 .04	6 .11	t 0	7 0	1 0	7 *	12	25	18	0.5	.03	97
MOBILE WB AIRPORT MOBILE WB CITY	6																		٠	1					.01	.09	10
PETERMAN									. 03	.01							0;	0.	5 .0:	3 0	1 ()2	07	18	.02	.03	59 08
ADDEUTTE													-7	7th-	-												
ATMORE STATE FARM AUBURN SCS 10		. 02	.01	. 01	.01	09	.03	.02		. 01	31	. 04	.02	1.90	. 79	9 .01										0.5	2 17
CAMPBELL DADEVILLE NO 2		0.5						.01	.05	. 01				10	0.1		10	2:								.07	60 34
DOTHAN CAA AIRPORT EUTAW LOCK NO 7					01	03	01		01			14	07	04			0.5	.03									34 12 60
EVERGREEN CAA APT FORT MORGAN	6	.18			•	0.1	01	02	* 01	03	1)}			04		٠		4		0.7	7	1 .	.03		01	.01	11
GREENVILLE NO 2 JACKSON LOCK 1		.02	. 02	.04		0.1	01	01	01	.01	01	02	52	07	01												27 70
MIDWAY								+4	21	, 01	(/1	29	02	01	. 08	3 14	15			01							20 25
MOBILE WB AIRPORT MOBILE WB CITY	6	25	*		*	01	01	.69	02	.02	10			1 12			.01		٠	49				*	٠		55
MONTGOMERY WB APT MONTGOMERY WB CITY NEW BROCKTON	6								٠	٠	*	02	•	11		٠	, 01	٠	٠	0.1							62
PETERMAN RIVER FALLS 2 NE		. 03	.02	.01		.01										02		.02	. 26	02							02 05 47
THORSBY 1 SW TUSCALOOSA CAA APT	6				01		.02	01	.16	.02				20	. 10												22 30
UNIVERSITY														15	. 02	.01	*	*	۰	24							18
ABBEVILLE													-8	8th-		0.7											
ADDISON ANNISTON WB AIRPORT	6												01	19	01	01			01								1 00 20
ASHLAND ATMORE STATE PARM	//																21	.02	.01	9.3	. 0	2		*	•	•	05
BIRMINGHAM WB APT BOAZ CAMPBELL													. 27	1.04				01	.01								26 32 08
DADEVILLE NO 2 DOTHAN CAA AIRPORT							. 01	.01		. 01				06	01		01 1 00		.02		. 0:	2					10
EVERGREEN CAA APT FORT PAYNE	6														10					04							10
GARDEN CITY GREENVILLE NO 2														,		0.2	11	55	70								13 1 25
GUNTERSVILLE REC JACKSON LO K 1													. 02		.01		04 1 60	. 50		1.50	. 08	3					12 2 69
JACKSONVILLE LAY DAM														. 20	.05	01	1) 1	0.1	0.1	0.1					.01	.02	25 94
MAGNOLIA MARION 1 SSE									. 08	. 32	.05	01			0	Ut	. 29		01 01 02	13							30 60
MIDWAY MOBILE WB AIRPORT MOBILE WB CITY	6	02													05		01	υ <u>ρ</u>	02								79 10
MONTGOMERY WB APT MONTGOMERY WB CITY	6					. 03			4					02			4			20							03
MOULTON MUSCLE SHOALS CAA A	6													.16	0.2	03	03		.05	.03							22 10
NEW BROCKTON PAINT ROCK														32	0.6	11	02		() 1							•	52
PETERMAN RIVER FALLS 2 NE						.01	03	.01								60	77	0.5	0.3	. 1						1	1 55
THORSBY 1 SW TROY												. 01		.01	20	.06	93 03 05	c 1						0.1			05
TUSCALOOSA CAA APT UNIVERSITY	6															*	,	20	. 24	.80		٠	٠				33 46
ABBEVILLE													-9	ıh-													40
ADDISON ANNISTON WB AIRPORT	6	0.9												.01	.07	01	19		31	41.5							32 27
MUBURN (S. 10	//	.08		01													24	. 22	.18	06	.01						72
RELIGREEN BEXAR 2 SE																	1 (.01		. 20							20 11
BIRMINGHAM WB APT							i	0.5	al				15	.09		04									02	01	20
AMPBELL NO 2				.01						01		. 04		.01					.03	.01							19
VERGREES AN APT PORT PAYNE TARDEN (17Y	6								34	16					٠	•	*	•	•	.14							50
TARDEN (1TY TREE-NULLE NO 2 JUSTINGSVILLE REC																1 (r - c ₄	.01	.16	.01	.03						30 12
INCL ALLER WILLARDER	6								2				0.5	4. 4.		41			10								37 39
JACKS DE TOKIK I	Ь		1.1	. 1							•								0	.65							75
AT DAM MAGNOLIA			,	, 1								- 1				. 6	,	01	.15	.06	.01						29 25
OBIL: WB LIRPORT	r •							- 1	h		•	٠	4	.08		. 15	,			4,							05

Table 4-Continued							HO	UR	LY	PR	EC	IPI'	TAT	IOI	V.										A NUL	LABAMA E 1950
						A	M Ho	ur end	ing		*******							P.	M. Ho	ur end	ing					
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
MONTCOMERY WE CITY MOULTON MUSCLE SHOALS CAA A NEW BROCKTON PAINT ROCK PETERMAN THORSEY I SW TONEY TRAFFORD TROY TUSCALOOSA CAA APT VERNON WIDOWS CREEK STM PLT	6	.01				.02	02	. 01	.02	*	• 14	*	* 02 04 02	06 02 .02 .01	.02	.35 04 44 .01	* 01 .01 .07 01 01 .01	1.31 * .02 .10	.08	01 10 .25 .01	L			- L		1.44 .06 .43 .02 .10 .10 .35 .82 .18
ADDISON BELGREEN BERRY EEXAR 2 SE BIRMINGHAM WB APT BOAZ CAMPBELL EVERGREEN CAA APT FORT PAYNE GARDEN CITY GUNTERSVILLE HUNTSVILLE HUNTSVILLE HUNTSVILLE HUNTSVILLE HUNTSVILLE HUNTSVILLE HUNTSVILLE HUNTSVILLE HUNTSVILLE HUNTSVILLE HUNTSVILLE HUNTSVILLE HUNTSVILLE HUNTSVILLE HUNTSVILLE HUNTSVILLE HUNTSVILLE HUNTSVILLE HUNTSVILLE HOBLE WAGNOLIA MARHON 1 SSE MOBILE WB CITY MOBILE WB CITY MONICOMERY WB APT MONICOMERY WB CITY MONICOMERY WB CITY MOTOGOMERY WB CITY MOULTON MUSCLE SHOALS CAA APT HUNTSVILLE HUN	6 6 6 6					.01	04	.01	.28 .45 .01	70 55 01 .08 *	.10 .15 1.62 16 .64	.53 .14 .19 .02 02 12 .15 .13 .4	-1O .22 02 15 .01 03 .20 17 .09	.06 .01 .01 .02 .10 .01 .05 .02 .01 .36 .01 .02 .03 .03 .03 .03 .03 .03 .03 .03 .03 .03	.01 13 16 .01 .01 .03 .69 .43 *	.01 .11 .01 .01	.14	.52	* .03 * .01 .03	.03	. 03					911 1.600 1.55 1.600 1.55 1.600 1.55 1.600 1.500
ABBEVILLE DOTHAN CAA AIRPORT BIRMINGHAM WB APT FORT PAYNE GUNTERSVILLE REC JACKSONVILLE MOULTON PAINT ROCK DADEVILLE NO 2 DOTHAN CAA AIRPORT FORT MORGAN	//		01		04:	05	50	03			07		-15 -16	.06	01	.08 02	.07	31 01 15	.01				•		. 01	.05 .09
FORT PAYNE MIDWAY MOBILE WB AIRPORT MOBILE WB CITY MONTGOMERY WB APT MONTGOMERY WB CITY ABBEVILLE EVERGREN CAA APT MIDWAY MONTGOMERY WB APT PETERMAN THORSBY 1 SW	6 6 6	.01											-18† -19†	*	30 * .03	* * * .05	* * * * * * * * * * * * * * * * * * * *	*	* .01 * * .	.01	*	*		٠	*	.01 .03 .01 .03 .24 *
ATMORE STATE FARM BERRY EVERGREEN CAA APT GARDEN CITY MOBILE WB AIRPORT MOBILE WB CITY MONTGOMERY WB APT NEW BROCKTON RIVER FALLS 2 NE VERNON	6 6 6	02								*	*	*	* 17	.06	.02	.11 *	* * . 04	* * 01 01 .01	* .15 * 01	.07	.02	. 01				.11 .03 .20 .19 .05 .04
ADDISON ANNISTON WB AIRPORT ASHLAND ATMORE STATE FARM BELGREN BERRY BIRMINGHAM WB APT BOAZ CAMPPELL DOTHAN CAA AIRPORT EUTAW LOCK NO 7 EVERGREEN CAA APT	6	02		01	01	01	02 18	02 .23	* 02	* 02	13 * .15	.06	01 * 10 01	01 .16 .04	01 61 .01	.02	01	21 07 28	. 50	.01 01 .01 07 .05	.01	.*	٠	01	. 08	.48 .35 .41 .04 .21 .51 1.13 .62 .53 .16
FULT ROCK FORT MORGAN FORT PAYNE GARDEN CITY GREENVILLE NO 2	6				•	,	03	02	22	•		*		. 04	25 .06	.04	.04	.07		.16	. 34	. 01		. 03	. 01	. 60 . 33 . 48 . 19 . 04

Station						A.	M. Ho	ur end	ling									P. 1	М. Но	ur endi	ng				
olditon		1	ī	3	4	5	6	7	8	9	10	1.	12	1	2	3	4	5	6	1	8	9	10	11	12
GUNTERSVILLE REC										Ī	T			20	69	01			60	02					
HALFYVILLE HUNTSVILLE	6																	01	13	0.5					
JACKSON LOCK 1 JACKSONVILLE										02	31	01 02	02	.06	.17	0.1		01	13.3	01	.08	.01			
MAGNOLIA MARION 1 SSF																		02	43	0.8	. 01	.02			
didway dobile wb airport	6	1		4	*			.11		*				.12	*		:			3 19					
WOBILE WB CITY WONTGOMERY WB APT	6							01		12				.01		26	38			2 19					
ONIGOMERY WE CITY							.01	1			.04			.02				_02							
USCLE SHOALS CAA A	6	1								9	*		0	.12	.02	02		0	٠	02	0.0	0.3			
HIVER FALLS 2 NE HORSBY 1 SW			.01	. 01	.01	.01		03	.01	.03	.01			.00	.02	02	15	. 25	0.0	-	. 28	. 01			
ONEY RAFFORD													.01		.03	65		.02	08	0.8	0.8	.02			
USCALOOSA CAA APT NIVERSITY	6	1							9	4				.01		+ {	0.47	.09	. 54	01 40					
ERNON IDOWS CREEK STM PLT																1.4	14	.05							
													01			14			.05		. 21	. 03			
BBEVILLE												-	-21	st-			D.4								
DDISON NNISTON WB AIRPORT	6	.14			01		.01	.02				.01		.03			24		,						
SHLAND TWORE STATE FARM	//					.01		.17			.01	.01	.04	.03	Ť				. 05	.31		•		•	٠
UBURN SCS 10 ERRY		.11	.89	.01	.03	02	.03			01	.02	.01	.20	01	. 20	05									
EXAR 2 SE IRMINGHAM WB APT		.02			1.08	. 32	.12	01	.01	.02		0.4	.01		. 01	.26									
OAZ AMPBELL			.15	.29	.13	.01	01	01	.01	02	.01	.04	.01	.01	0.0	0.5	0.5			.01	.01				
ADEVILLE NO 2 UTAW LOCK NO 7					09	.08	10			.01	.04	.16		.12	.02	.01	.01		.01						
VERGREEN CAA APT LAT ROCK	6	.08			. 10	.00	12	30	*11	* 01	.01		8	. 02	.01	.03									
ORT MORGAN ORT PAYNE	//		. 01	.10	. 20	.13	.01	0.2		04	.06	.01	.16	. 07	. 02										
ARDEN CITY REENVILLE NO 2		.15	.08	.15	.07	.01	.U.	.02	.02	.01		.05	.04	0.5	0.0			.11	.01						
INTERSVILLE REC		.08	01	.10	.03	.02	. 02	.05	. 01		.01			.06	.02	01									
UNTSVILLE ACESONVILLE	6		*	٠	4.5		0	.01		*	*	0	.02	.16											
AY DAM AGNOLIA					45	.04	.03	.19	.01		. 01		.05						06	.15		. 02			
ARION 1 SSE IDWAY							.01		.02	01			ł		.05	.01	.01								
OBILE WB CITY ONTGOMERY WB APT	6						0 [*	1.00			.01													
ONTGOMERY WE CITY	0			- 1					*	*		*	01	.05	.01	02	*		٠	.10					
JSCLE SEOALS CAA A	6							.01		.08	. 32														
TERMAN		.04	.01		. 08					.01	1	.17	.09					09	.01						
IVER FALLS 2 NE HORSBY 1 SW DNEY			01	.01									05	.01											
RAFFORD		. 43	.14		.01		.07		.01	.06	.07	. 01	.01	. 20			01	.30	01						
USCALOOSA CAA APT NIVERSITY ERNON	6		. 35	.01	1 18	.18	. 04	00	.29	*	.11	.02	.01	.70	.01		04								
IDOWS CREEK STM PLT			.09	. 06	. 01	.02						. 01	.04	.05				.02							. 01
											ł		-22	1											
DDISON			.01	.23	.17	.01	.01			01			.01	a-											
INISTON WB AIRPORT	6	.03	10		12		38	04																	
EXAR 2 SF DAZ AT ROCK			36	.13			.02	0]	01 1.54	02	.01					.01									
ORT PAYNE			.01	.01	.01	.25	.05	.05	.02	.09			. 25	.03				16	0.2						
NTERSVILLE REC			. 03	.12	.08	.16																			
LEYVILLE DNT: VILLE	6		.02	. 31	. 32	.02	.01	.01	.01				*	.04		4		0		.05					
CRSONVILLE Y DAM					.01		. 01					02	.01												
GNOLIA DULTON			. 20	.14			.04	01	02	.01															
ISCLE SHOALS CAA A	6		*	*	. 09	.10	.01	02	. 20				. 78	.02											
NFY AFFORD					10	.10					.10														
RNON DOWS CREEK STM PLT		. 03				.07	.01			22		.13	.01												
														-1											
TAW LOCK NO 7										. 03	.01	_	-23	a-											
Y DAM							1											.02	.02	0.1					
												_	27t	h-											
RMINGRAM WE A T THAS TAX AIRPORT													. 49			71	119	01	01						
Tas Lock NO 7 Blick #B AIRPORT	6			1			1				16	.08	.02	.01						.01					
BILE ME CITY				,											. 01			.02							
VFR FALLS 2 NF														.06	. 01										
												_	28t	h-											
BEVILLE													-01				03 .	24	05						

Table 5								_	1	7 11	A 4	di.	± v.			. 11																	1950
Station																	of mo																erage
ALBERTVILLE 1 S	MAX	80	78	3	82	78	82	78	86	9 84	10	-	12	13	91	15 95	16	96	18	19	20	21	22	23	24	25	26	93	28	29	30	31	87 4
	MIN	59	57	60	61	57	59	56	61	66	65	62	66	68	65	68	69	69	67	68	70	65	57	59	64	65	68	65	58	57	56		62.5
ALEXANDER CTY 6 NE	MAX	88 58	86 64	79 66	69	53	56	79 54	87 67	67 67	62	64	58	63	91 62	94 65	66	95 64	96 66	93 66	86 71	70	91 68	68	95 64	96 60	63	97 66	58	91 59	89 57		89.1 63.1
ANDALUSIA	MAX	88 65	92 69	85 73	85 74	86 60	64	86 69	81 69	87 69	90 69	91 67	92 66	91 66	91 68	96 70	96 70	95 70	98 71	98 71	92 72	91 72	95 72	73	95 74	97		74	71	98 69	96 67		92.2 69.6
ANNISTON WBAIRPORT	MAX	86 59	86 66	81 69	78 60	79 53	83 59	78 65	84 67	86 68	82 64	87 68	88 57	90 65	92 65	95 65	95 65	95 64	96 67	93 71	86 71	87 70	90 70	92 69	93 66	94 62	95 65	94 69	95 59	89 61	87 58		88.5 64.€
ATMORE STATE FARM	MAX	95 67	86 70	83 71	73	83 60	85 64	83 68	87 67	90 72	86 71	91 73	90 68	94 66	94 68	96 71	97 72	99 71	99 73	89 70	87 73	87 73	93 74	95 75	97 74	98 76	98 74	101 75	98 70	95 70	93 67		91.8
AUBURN	MAX	85 60	90 69	88 68	80 71	80 56	80 63	83 69	78 67	84 68	84 65	85 70	88 61	88 68	88 68	92 68	94 67	94 69	95 70	97 76	92 72	85 70	89 71	90 70	91 69	95 68	96 71	98 71	98 67	96 64	94 65		89.2 67.7
BAY MINETTE	MAX	89 67	82 70	81 73	83 72	84 61	81 65	75 67	85 69	89 73	90 70	91 70	90 69	94 65	94 68	94 70	95 70	96 70	92 74	88 71	85 72	90 73	92 74	94 75	96 74	97 73	97 74	98 74	97 70	93 69	92 68		90.1 70.3
BELLE MINA 2 N	MAX	83 55	81 64	78 60	75 55	80 48	80 55	81 60	83 63	81 66	81 67	86 63	86 56	88 59	92 66	93 66	93 68	95 70	96 70	92 74	90 70	85 69	90 70	91 69	93 68	94 69	96 66	96 71	90 56	89 60	86 57		87.5 63.7
BIRMINGHAM WB APT	MAX	85 60	85 69	79 70	73 55	79 51	81 59	79 69	83 68	86 70	79 68	88 64	87 59	91 64	93 70	94 67	94 68	95 67	96 69	92 74	87 70	84 69	89 72	91 72	93 69	95 66	95 69	90 68	92 61	87 62	84 60		87.5 66.0
BIRMINGHAM WB CITY	MAX MIN	89 63	86 70	77 68	73 66	82 52	84 62	80 67	85 67	85 68	84 70	90 68	90 61	92 66	94 74	97 71	97 70	97 71	97 73	93 73	89 72	84 69	90 72	93 73	95 72	95 70	97 71	93 75	94 63	89 65	85 62		89.2 68.1
BREWTON 3 SSE	MAX	93 60	85 68	85 71	87 71	84 56	86 55	84 68	86 67	86 69	88 67	92 70	90 64	93 58	95 58	96 66	96 69	99 66	98 68	87 67	89 71	91 68	93 70	94 68	96 68	98 68	98 66	101 78	98 66	96 63	94 60		91.9 66.1
CAMDEN	MAX MIN	90 63	85 68	81	80 70	83 60	84 60	85 68	87 67	90 69	88 71	89 69	87 65	91 62	90 68	94 69	95 71	98 70	98 72	93 72	86 73	90 72	95 74	95 73	99 71	100 71		98 74	98 65	95 66	93 65		91.2 68.7
CAMP HILL 2 NW	MAX	84 60	85 69	80 62	78 53	80 52	80 58	75 59	82 65	83 63	83 62	85 65	88 62	90 64	91 64	93 65	91 65	93 65	95 66	90 68	86 69	86 65	91	93	94 65	95 63	97 65	95 69	97 61	91 59	91 59		88.1 63.3
CENTREVILLE	MAX	88	90 70	88	84	78 62	84	86 70	85 72	86 72	89 74	87 73	89 65	89	93 73	95 74	96 68	96 70	99	98 76	95 75	92 72	88	93 78	94 70	98 72	98	98 70	96 72	95 75	90 72		91.2 70.9
CHATOM	MAX	92	84 63	80 69	79 68	85 54	79 57	80 66	86 67	88 69	90	91 67	91 64	94 56	94	97 64	95 66	98 65	96 65	86 66	85 69	90 66	93	95 72	97 71	97 70		100	98 65	94 62	93		90.8 65.2
CITRONELLE	MAX	89	80	79	78	82	76	75	80	85	84	90	90	91	91	92	92	94	91	83	81	90	92	94	94	94	96	97	96	91	90		87.9
CLANTON	MAX	70	71 89	72 87	73	79	82	68 82	68 78	71 84	86	72 87	88	68 89	70	71 92	95	94	97	97	73 94	71 88	75 86	92	73 95	97	98	99	99	96	70 92		90.0
CORDOVA	MIN		69 86	69 89			84	68 81	89	69 89	87	69 87	87	62 91	94	68 94	95	95	98	72 96	73 89	72 85	72 87	73 92	71 93	95	96	73 89	62 94	90	62 85		67. 3 89. 6
DAYTON	MAX	85 91	58 90	68 88	67 88	84	58 84	63 82	63 85	65 89	90	67 89	58 88	59 92	69 93	65 95	67 95	65 97	96	70 95	70 90	90	93	93	74 95	96	97	70 95	60 94	90	70 90		91.1
DECATUR	MAX	80	70 78	70	71	52 78	82	69 82	83	70 78	70		65 82	65 88	90	93	75 92	93	72 95	73 93	73 86	80	72 89	74 91	72 92	70 94		90	64 88	87	84		68.8 85.8
DOTHAN CAA AIRPORT	MAX	61 94	90	90		54 85	88	65 76	66 89	67 89	70	92	90	93	70 94	95	72 96	73 97	71 97	73 93	88	93	70 95	95		100			98	95	63 93		67.1 92.9
EUFAULA	MIN	91	68 87	73	66 84	61 86	65 85	70 87	68 85	68 91	68 94	72 86	65 95	69 91	97	70	98	72 100	74 100	71 95	72 87	72 85	73 98	99	73		103		71	98	69 96		69. 9
	MIN	63 94	66 84	69 84	73 83	60	65	67 83	60 87	67 88	67	70 91	63 90	68 94	70 93	68 96	69 96	71 98	72 99	71 88	73 88	71 90	70 95	73 95	71 98		68 98	73 99	71 98	70	66 94		91.8
	MIN	61 92		73	64	58			68 87	68	69 87		63 89	59	63 90		71	68 93	68 91		71 87		70 89	70	68 92		66 97	72	68 96	65 93	61 92		66.5 89.2
	MIN	66	70	74	70	60	64	67	68	71	70	70	68	65	67	68	68 95	68 95	72 95	72 96	70	73 88	75	73	75	76 95	78 97	75 98	70	69	66 91		69.9
	MIN	86 58	86 65	83 65	78 64	72 48	81 59	82 65	81 67	66	67	66	57	56	66	64	65	65	65	67	70	68	68	68	65	61	64	69	57	58	56		63, 3 87. 9
	MAX	73	69	73	74	68		68	72	75		76	88	88 74	71	75	70	88 79	80	74	76	77	80	79	80	79	80	80	78	79	76		75.2
FRISCO CITY		65	94 69	83 72	73	81 58	63	67	68	70	71		68	90 64	67		7.1	97 70	98 73		72	72		74	93 72	71	71	98 74	98 67	67	94 65		90. 6 69.1
	MIN	83 57	86 62	86 67	81 68	78 56	80 54	61	81 66	85 67	63	84 64	53	89 58	63	94 62	64	65	98 65	98 68		70	82 70	66	95 64	62	64	97 70	95 64	95 63	61		89.4 63.4
		89 61		89 71		88 59	89	90 68	85 66	88 65	87 65	69		92 61						96 67		70		70		69	68		69	70	98 65		93. 5 67. 0
GOODWATER	MAX	83 60	88 68	85 68	79 69	79 55	78 60	80 67	77 66	84 68	84 64	82 68	87 62	87 66	88 65	90 69	93 67	92 68	93 68	96 70	93 72	85 71	88 70	91 71	93 67	95 65	95 69	97 72	94 60	93 64	88 64		87.9 66.4
GREENSBORO	MAX	89 65	90 70	79 70	77 68	83 56		82 70		90 69	89 70	90 70	90 67	93 64	95 71	96 71	98 71	99 70	99 71	95 72	89 73	87 71	91 72	94 73	96 71	96 70	97 73	89 71	92 64	90 66	88 64		90. 5 68. 8
GREENVILLE	MAX	93 64	88 67	80 70	86 72	82 59	88 63	79 69	86 68	88 69	87 69	89 70	89 65	92 66	91 67	94 69		95 72	99 75	94 70	87 70		95 73	95 72	98 75	98 72	97 72	99 75	98 73	94 69	92 69		91.1 69.5
HALEYVILLE	MAX	79 60		75 61	70 59	77 47	79 57	81 61	83 63	82 65	77 65	83 64	82 56	85 65	88 65	89 67	90 66	90 68	91 68	88 67			85 65	87 67	88 66	89 67		90 70	85 56	83 66	81 67		83.8 63.6
HEADLAND	MAX	93 68	90 69	88 71	89 70	83 59	85 60	80 69	84 69	88 67	89 69	91 72	91 64	92 69	95 70	94 69	93 68	98 71	98 74	92 71	89 72	93 71	95 73		98 72	100 68		101 74	97 72	94 69	94 67		92.3 69.4
HIGHLAND HOME	MAX	89 67	87 68	84 69	82 71	°82 57	85 63	79 70	87 66	86 67	88 67	88 69	85 65	92 67	90 68	93 67	92 69	95 71	95 71	91 69	88 71	89 72	94 74		95 69	95 70		97 75	94 68	92 64	90 60		89.8 68.2
HUNTSVILLE	MAX	82 56	80 64	83 67	75 55	80 52	81 57	83 64	84 65	81 64	81 68	84 62	85 56	89 59	94 68	92 65	93 69	94 69	95 67		85 70				92 70			92 68	89 59	88 62	84 56		86.8 64.2
LA FAYETTE	MAX	88 61	87 64	81 66	80 68	79 55	82 57	78 63	84 65	82 67	84 65	88	87 60	89 64	89	93	92	94	95 70	90 69	86	85	90 69		95 67				92 62	91 63	87 62	1	88.3 65.2
LIVINGSTON			85 69	81 70	78	81 56	81 62	84 70	88 69	87 71	88	89	87 64	91 62	93	94	95	96	97	93 72	88	87	91 73	93	94 70		96 71	90 72	91 65	88 65	86 64		89.2 68.2
LGCKBART	MAX	88	91 68	85 74	89	87	85	86	80 70	84	85	91	91	89 6 5	91 66	91	93	91	96	92	88	89	92	93	95	96	98	98	99 73	99	97 70		91.0 69.7

									D	ΑI	I.Y	Т	EM	1PI	ER	AT	IJŔ	ES	7														
Table 5-Continued		_							_			_																				JUNE	ARAMA E 1950
Station												_	,	1	_	Day	of mo	nth	,								,	-					erage
			,	- 1	4	5	б	7	7.		1′	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	. 27	.18	29	30	_1_	A S
MADISON	MAX	8.2 64	57	81 67	76 63	72 56	80 57	82 57	84 68	88 69	80 70	81 68	83 60		90 65	91 69	93 70	92 73	93 74	95 73	93 71	85 70	85 69	88 71	92 72	92 71	94 71	94 71	90	88 64	86 63		86.5 66.6
MARION JUNCTION 2 N	MAX	90 63	87 69	80 69	76 68	83 55	83 62	83 69	87 65	89 68	89 69	89	89 62		93 68	94 68	94 68	97 68	98 70	94	70	90 71	92 72	96 71	96 70	94 68	95 67	94 72	95 63	89 65	88 64		90.2 67.1
MAXWELL FIELD	MAX MIN	90 67	89 72	85 72	83 64	84	85 68	81	86 70	87	86 69	92	90 67	92 69	92 71	95 73	96 74	97 75	99	94		86 75	94 77	95 76	97 74	98	99 72	98 77	98	94	91 70		91.4 71.5
MOBILE WB AIRPORT	MAX	88 67	82 70	82 75	83 67		80 67	79 67	85 68	86 72	85 72	92	93 70	92 69	92 69	94 71	95 72	95 71	92 73	87 73	83	88 73	90 74	91 73	93 73	95	96 75	99 74	96	94 73	91 69		89.4 70.9
MOBILE WB CITY	MAX	87 72	82 72	82 79	84 68	85 64	82 69	79 69	85 72	87 74	86 75	91 75	92 72	93 70	92 74	92 73	94 75	98 73	91 77	88 76	86	90 77	92 77	90 76	90 76	97	98	100 78	98	93	93 71		89.9 73.7
MONTGOMERY WB APT	MAX	91 64	88 70	85 70	82 62	83 58	84 64	80 69	85 67	86 68	85 67	90 70	90 62	91 66	91 68	94 71	94 72	96 72	98 73	93 72	89	89 73	93 74	94 74	96 71	97 72	98 70	99 75	97	93 66	91 65		90.7 68.9
MONTGOMERY WB CITY	MAX	91 67	86 70	83 70	82 63	82 60	83 66	78 69	83 68	86	85 69	90	89 67	90 70	92 73	95 72	94 72	97 74	97 75	92 73	87 74	87 74	93 75	94 75	96 74	97 74	97 74	97 77	97 70		89		90.0 70.8
MUSCLE SHOALS CAA A	MAY	78 61	77	75 66	73 58	76 54	80 60	83 64	84 67	83 70	84 67	84 67	84 62	89 62	94 67	94 70	95 71	97 72	97 72	94 74	82 73	83 71	90 71	93 72	92 72	95 69	98 70	89 67	88 62	83 64	82 62		86.5 66.8
ONEONTA	MAY	86 54	88 58	84 62	79 66	78 64	80 66	82 55	80 65	88	86 66	79 68	88 55	88 58	90 60	92	96 66	94 62	95 67	97 72	96 70	93 68	82 68	90 67	93 66	92	93 67	95 68	92 60	92 58	88		88.5 63.6
OZARK	MAX	90 66	88	87 71	87	83 59	86 65	82 69	86 68	87 67	88 68	89 71	88 64	92 68	93 69	94 70	93 69	97 72	97 74	94 70	90 74	97 70	95 73	96 74	97 73	99	99 72	101 76	99 72	98 70	95 69		92.2 70.0
PRATTVILLE	MAX	91 63	87 67	82 70	82 68	83 58	84 65	80 72	87 68	86 69	86 67	89	89 61	91 65	93 68	94 68	94 68	96 70	98 70	94 70	88 73	88 72	93 74	94 73	96 69	97 67	97 67	96 66	96 63	96 62	95 65		90.7 67.6
PUSHMATAHA	MAX	89 62	87 68	83 71	80 69	79 65	80 56	80 58	85 68	89 65	86 71	88 68	89 63	· 88 59	92 65	92 69	95 69	95 69	98 73	97 73	93 73	85 70	88 74	90 74	91 74	93 73	94 74	95 76	97	95 65	95 64		89.6 68.1
ROBERTSDALE 7 E	NAN	88 66	84 70	82 74	86 70	83 58	80 63	77 66	85 69	87 71	84 69	90 71	91 68	91 64	89 65	90 68	92 68	94 69	90 73	87 71	86 70	88 72	89 75	92 73	92 73	94	95 76	97 74	95 70	93 70	90 67		88.7 69.5
ROCK MILLS	MAR	92 58	87 62	83 68	94 68	80 55	85 55	81 64	85 66	85 67	85 64	90 66	90 57	89 62	90 62	94 65	97 66	96 64	97 66	96 68	90 73	88 71	91 70	94 70	97 66	97 60	98 64	98 68	98 61	97 61	90 60		90.8 64.2
SAINT BERNARD	MAN	81 59	82 64	84 65	78 64	69 52	77 56	81 61	79 64	86 65	85 65	78 67	84 58	85 58	89 69	92 65	93 62	94	94 67	95 68	93 68	86 68	79 67	89 68	92 66	92 64	94 66	94 71	90 60	89 61	86 59		86.3 63.8
SAND MTN STA FRE AP	MAN	80 59	83 65	77 64	77 62	75 50	78 57	78 63	79 62	80 65	77 66	81 66	82 57	83 66	88 68	89 65	89 67	91 67	92 67	89 70	85 69	77 67	86 67	87 68	88 68	89 65	89 62	88 70	88 59	83 61	81 57		83,6 64.0
SCOTTSBORO	MAX	80 56	84 62	79 62	74 65	79 48	81 56	80	83 62	84 68	82 66	86 63	87 56	89	93 68	94 69	95 68	95 67	97 66	95 70	89 68	80 63	89 68	90 68	92 67	93 65	95 65	94 70	91 57	88 55	86		87.5 63.3
SEI MA	MAX	93 65	89 70	82 70	79 70	84 57	88 64	83 71	88 67	90	86 69	91 70	91 63	94 64	91 70	96 70	97 71	98 72	99 74	94 73	87 73	90 72	95 73	95 74	97 72	98 69	98 70	97 74	99 65	93 68	91 66		91.8 69.2
SPRING HILL	1.1.4 . EX	89 69	89 74	81 70	82 76	83 63		83 67	79 68	83 74	89 73	86 76	91 72	93 69	94 69	93 71	92 74	94 73	97 75	92 75	87 72	81 72	89 76	92 75		94 74	96 77	98 75	99 71	97 72	93 70		89.9 72.2
TALLADEGA	N.I.V.	88 60	87 65	81 68	78 67	80 52	82 58	78 69	86 68	85 68	81 64	88 68	87 55	87 63	91 66	93 66	94 66	94 65	95 66	93 72	86 71	87 71	90 69	91 70	93 66	95 61	95 66	94 70	93 58	89 60	86 59		88.2 64.9
THOMASVILOR	A12 N17	90 65	85 69	80 71	77 72	80 60	82 62	83 68	84 67	86 69	89 70	89 69	89 67	93 65	92 69	94 69	94 71	97 70		92 71	84 70	89 70	94 74	95 73	98 72	98 71	97 72	97 75	97 66	90 68	90 66		90.1 69.1
TROY	HAX	86 66	90 69	85 71	86 72	86 58	83 64	85 70	80 67	85 67	85 67	90 71	88 65	88	92 69	93 70	95 71	94 72	97 74	99 71	93 72	92 71	93 74	95 74	95 72	97 73	98 72	98 76	99 70	97 69	95 67		91.3 69.7
TUSCALOOSA (A., API	MAX	89 63	88	81	75 61	81	87 62	85 70	90 58	90	88	90 67	90	94	95 19	97 60	97 68	98	99 68	95 72	90 71	85 70	91 71	94 72	95	96	98	92 70	94 64	90 64	84 61		90.6 05 9
FUSKEGFF	MAX	86 64	91 69	88 68	83 70	81 58	83 63	84 70	78 67	87 69	86 66	87	90 62	91 67	90 69	93	95 69	92 72	95 74	99 71	93 73	88 72	91 71	93 74	93 72	94 74	97 76	98 75	98 68	97 68	94 74		90.5 69.5
UNION SPRINGS	MAX MIN	90 64	88 64	82 64	82 69		85 64		86 62	87 62	89 66	90 70	90 65	90 68	93 68	95 70	93 69	96 71		91 70					96 70	98	99 69	99 71	95 66	95 68	92 63		90.9 67.6

EVAPORATION AND WIND

MAY 91 86 82 81 84 83 80 84 86 87 91 90 91 93 95 96 98 98 93 87 87 93 94 96 99 99 91 10 64 70 68 69 58 66 71 69 70 67 72 62 69 70 70 70 72 72 73 75 75 75 75 70 69 70

MAX 90 85 78 73 81 83 82 88 87 82 88 89 92 94 95 96 96 97 95 89 83 91 91 94 95 97 92 92 89 83 VIN 65 69 69 60 55 64 70 68 63 70 67 62 63 72 70 70 70 71 74 71 70 72 74 72 69 70 72 66 65 64

MAX 82 84 84 84 82 80 79 78 83 83 83 80 84 90 90 92 94 94 94 97 87 86 92 90 89 92 90 89 86 81 MIN 59 60 60 65 64 67 75 61 65 67 67 59 62 62 64 65 66 67 70 67 66 67 67 65 62 67 55 54 53

Table 6														-				_	-										-	-			
]	Day o	f moi	ath														
Station			J	3	-1	.]	Б	7	22	3	KI	12.	123	1.8	.4	13	16	i.i	le:	×		11	L	23	.34	23	j, r	3/		.9	{	,	1.00
AUBURN	1 V VP																																8.7
PAIRHOPE	9170	. 1%	1 :	ny=1	3.0	12	15	16	.13	.18	. 22	.27 JL	. 26	.29	.24	.25	.06	.21	.28	. 13	.11	,16	.27	.30 43	28	.33	.31	.29	.28	.29	.28		86.3 60

CORRECTIONS

MONTH: MAY, 1950

Table 3: Columbia.

UNIVERSITY

VALLEY HEAD

VETUMPS 4

Add daily amounts as follows: lst, .24; 2nd, .73; 3rd, .10; Wonthly total 4.36

88.9 67.9

86.6 61.4

DAILY PRECIPITATION

ALABAMA

Table 3	- DELAYED DATA
	Day of month
Station	Day of month 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
FEBRUARY 1949	
MERTZ 3 E	.35 .07 .05 .52 .51 2.55 .11 2.15 1.10 7.41
AUGUST 1949	
HARRISBURG 6 SE MERTZ 3 E	
DECEMBER 1949	
ALICEVILLE FALLS CITY 6 NW SEALE 7 WNW TALLADEGA HRN MT TR	3.94 .85 .28 .60 .56 .24 .30 .89 1.00 .85 1.00 .25 .40 .30 .40 .40 .50 .15 .56 .50 .15 .56 .50 .7 .18 .30 .13 .30
JANUARY 1950	
BOAZ MONTEVALLO	.02 .17 1.93 1.56
FEBRUARY 1950	
BOA2	.08 .57 .95 .25 .40 .18 .53 .03 .56 .22 .15 .3.92
APRIL 1950	
MITCHELL DAM	.05, .02 2,17 1.17 [.08 1.16 .72 + .11 .32 .12 3.90
MAY 1950	
BOAZ	.10 1.22 .53 .73 .15 .59 .05 .65 .02 .50 4.54

Lable 4																										DELAYI	DATA DATA
	0						A.1	M. Hot	ur endi	ng									P. I	М. Нош	endi	ng					10
	Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	1	,	9	*C	.1	12	f
	JANUARY 1950	-							1	Ł					-9TH-												
BOAZ		[1			. 01			1		. 01	. 01	. 01.	ſ							. 04
2015		ı									01	01			-10TH		44	0"	01								
BOAZ		1									.01	. 01			.38 -11TB		. 11	.05	. 01				1				. 66
BOAZ																							. 01	. 02	. 02	. 02	. 07
2015		,	0.1	01		.02	00	0.5	04	00		02			-12TH												0.2
BOAZ		1	. 01	. 01		.02	. 02	.05	, 04	. 02	03.	. 03			-13TB												. 23
BOAZ															1										. 05	.08	.13
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County	Observer	Refer to tables	Station	ON County	Drainage: Latitude Longitude Elevation	Observation time Observer	Refer to tables
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\$ 1-ALABAMA: 2-BLACK WARRIOR; 3-CAHARA; 4-CHAYTABOOCHEE; 5-CHOCTATHATCHEE, 1-CONFIGH. 7-COOSA; 8-ESCAMBIA; 9-GULF; 10-PEA; 11-7ALLAPOOSA; 12-TENNESSEE; 13-TOMBIGBEE REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSE, indicate distance in miles and direction from the post office. Delayed data and corrections will be carried only in the June and December issues of this bulletin.

stations appearing in the index, but for which data are not linted in the tables, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperatures in 'P, precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

lest and hall were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 4 are from recording gages. Traces are not shown

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

- Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

 No record in Tables 3, 4, 6, and the Station Index. No record in Tables 2 and 5 in indicated by no entry. When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.

 Anount included in following measurement, time distribution unknown.

 Gage is squipped with a visionhield.

 Station not equipped with a visionhield.

 Station not equipped with recording gage. See table 4 for 6-hourly measured amounts.

 Adjusted to a full month.

 Adjusted to a full month.

 Station of equipped with a visionhield.

 One or more days of record missing see Table 5 for detailed daily record.

 Station equipped with recording gage as the same size may be found in Table 4.

 The Date of the Company of the Company of the conditions month.

 Bourly amounts from recording gage at the same size may be found in Table 4.

**ubscription Price: 15 cents per copy, monthly and annual; \$1,50 per year. (Yearly subscription includes the Annual Summary.) Checks, postal notes and momey orders should be ande payable to the Treasurer of the United States. Remittances and correspondence regarding subscriptions should be sent to the Faither Records Processing Center, 430 Post Office Building, Chattanooga 2, Tennessee.

SPK CORRECTIONS ON PAGE 87

- 80 - W.R.P.C., Chattanooga, Tenn. ---- 8/17/50 ---W.R.P.C., Chattanooga, Tenn. ---- 8/17/50 --- 1250

U. S. DEPARTMENT OF COMMERCE CHARLES SAWYER, Secretary WEATHER BUREAU F. W. REICHELDERFER, Chief

CLIMATOLOGICAL DATA

ALABAMA

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ALABAMA - JULY 1950

A. R. Long, Section Director - Montgomery

WEATHER SUMMARY

July 1950 may be briefly described as being wet and with temperature much of the time rather mild for the time of year.

leriods of generally fair weather were brief. There was a very wet spell with heavy accumulations of precipitation from the llth to the 17th. Rain was also frequent from the 26th to the 31st when there were some heavy local accumulations. Only a few stations had less than normal precipitation, and there were no local droughts of importance after the 10th.

It was exceptionally cool on the morning of the lst, particularly in the north, where minimum temperatures were mostly in the low and middle fifties. Temperatures were near normal from the 2d to the 4th and from the 18th to the 25th. At other times they were mostly several degrees below normal.

The abundance of moisture during the last three weeks caused rapid growth and development of farm crops and pasture grasses. The rains came too late, however, to save early corn in the south which was in the fruiting stage during the June drought. The wet weather was also unfavorable for cotton, since it promoted weevil activity and interfered with poisoning operations. The additional "weed" growth also made weevil control more difficult.

Two deaths by lightning came to the attention of this office. On the 14th, a 12-year oldigirl of Leeds was killed when lightning struck a clothes line while she was removing the family wash. On the 21st, at Roanoke, a 9-year old boy was killed, and another injured slightly, while playing under a small tent. This thunderstorm was very small and the bolt which hit was described as "about the only one that flashed."

At Talladega, also on the 21st, fire started by lightning destroyed one house and damaged a barn. A few trees were uprooted by wind accompanying this storm. Property damage was about \$5100, including about \$100 of wind damage.--F.C.P.

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Eureau and cooperative weather stations, this bulletin series contains records from Hydroclima tic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mos' by of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1040 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Dureau of Reclamation has transferred about \$25,000 per year to provide data required in its work, and since 1947 the Dureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U. S. Weather Bureau, Washington 25, D. C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

SUPPLEMENTAL DATA

ALABAMA JULY 1950

,																				
	Wind	direction		Wind m.	speed p. b.		Relati	ve hum	idity ave	rages -		Numb	per of d	ays with	precip	itation			sunset	
Station	Prevailing	Percent of time from prevailing	Average	Fastest	Direction of fastest mile	Date of fastest mile	12:20 m	6:30 m	12:30 p	6:30 p	Trace	6010.	.1049	9909	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to su	Degree days
NNISTON WE AP	SW	17	4.9	-	- 1	-	-	-	-	-	-	-	-	_	-	-	-	_	-	See Table
IRMINGHAM WB AP	SSW	14	6.0	34	SW	5	89	89	61	70	3	4	5	4	2	2	20	58	7.0	н
OBILE WB CITY	SŤ	17†	7.8†	35	SE	11	92†	90†	74†	83†	1	5	6	3	5	0	20	39	7.3	17
ONTGOMERY WB CITY	SSW†	9†	5.41	21	SW	26	891	89†	60†	741	5	4	5	2	3	0	19	54	6.7	- 11
† AIRPORT DATA																				
			- V 2004																	

COMPARATIVE DATA

		Temperature -		Precipitation			Temperature	•	Precipi	tation			Temperature	,	Precipi	tation
Year	Average	Highest	Lywest	Average No. of days Ol or more	Year	Average	Highest	Lowest	Average	No. of days .01 or more	Year	Average	Highert	Lowest	Average	No. of days
1884 1885 1886 1887 1888	80.9 80.8 79.4 81.0 81.5	104 103 100 102 100	54 48 54 64 64	5.84 11 4.06 13 4.06 9 7.66 12 3.26 7	1909 1910 1911 1912 1913	80.0 78.6 78.0 79.8 81.1	101 100 102 102 106	50 55 50 56 51	4.54 7.14 5.66 5.15 5.00	9 14 12 12 12	1934 1935 1936 1937 1938	81.8 81.3 81.8 80.0 80.4	106 103 107 101	60 60 60 49 60	6.55 4.77 7.21 4.47 7.54	12 11 12 9
1889 1890 1891 1892 1893	80.3 80.0 78.2 78.6 82.0	100 105 102 102 103	62 60 46 58 60	6.23 12 5.70 9 6.02 10 8.93 17 3.53 8	1914 1915 1916 1917 1918	81.6 80.4 78.5 79.6 78.1	107 105 99 101 104	56 52 59 54 48	4.17 5.24 16.69 6.04 3.87	8 8 17 13 8	1939 1940 1941 1942 1943	80.9 78.7 80.6 81.0 82.0	105 101 100 104 104	58 54 57 57 60	4.82 8.46 7.97 4.83 4.72	11 15 16 11
1894 1895 1896 1897 1898	78.7 80.1 81.0 81.2 80.0	103 102 105 105 103	56 56 50 50 51	5.00 12 5.00 12 5.31 8 4.78 10 6.07 14	1919 1920 1921 1922 1923	79.6 79.5 81.4 79.9 78.5	102 99 103 100 101	56 57 59 53 48	6.64 5.28 5.17 4.39 5.23	12 10 12 9 11	1944 1945 1946 1947 1948	80.1 80.3 79.4 77.7 81.1	105 102 99 100 104	49 56 59 41 57	4.21 5.75 6.99 3.48 6.23	10 12 14 7
1899 1900 1901 1902 1903	80.4 79.9 82.3 82.8 80.1	103 102 108 109 102	52 56 56 53 54	6.82 10 4.89 11 3.41 7 2.51 7 9	1924 1925 1926 1927 1928	79.9 81.7 79.2 80.3 80.6	103 106 104 105 101	49 54 49 55 60	3.55 4.89 6.13 4.03 5.11	7 10 11 9	1949	80.8 78.3	101	64 48	6.71 8.99	
1904 1905 1906 1907 1908	78.5 79.6 79.0 81.0 80.0	103 103 100 104 103	54 55 55 56 56	4.88 11 4.54 10 8.29 14 5.04 10 4.80 12	1929 1930 1931 1932 1933	79.9 83.7 81.8 82.9 79.4	99 111 104 105 105	58 50 58 54 52	3.78 3.96 5.83 4.85 7.46	9 8 12 11 14	Period	80,3			5.61	

				Temp	erature									Precipitati	on				
					1			No o	of days					Snov	v, Sleet, Ha	al	N	o. of da	ys -
Station	Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max depth on ground at obsn.	Date	.01 or more	.25 or more	1.00 or
NORTHERN DIVISION									1		.,								
ALBERTVILLE 1 S ANNISTON WB AIRPORT BELLE MINA 2 N BIRMINGHAM WB APT BIRMINGHAM WB CITY	76.5 77.4 77.6 77.6 78.9	- 2.4 - 2.2 - 1.3	93 94 95 93 95	2 2 2+ 20 3	55 51 52 54 59	1 1 1 1	0 0 0 0	8 8 12 10 17	0 0 0 0	5.47 7.58 13.70 10.16	8,53 4,99	1.18 4.83 2.75 3.13 2.01	16 24 15 12 26	.0	0 0 0 0		16 10 17 19	6 7 12 12	3 4 3
CORDOVA DECATUR FAYETTE GADSDEN GOODWATER	81,3M- 78.1 76.8 77.0 s 77.6	2.0 - 2.2 - 3.0 - 2.2	95 95 96 97 93	20 23 3 6 21	52 50 52 55	1 1 1 1	0 0 0 0	17 10 17 15 11	0 0 0 0	7.55 7.81 4.68 8.66 5.77	2.00 3.46 97 3.47 39	1.14 4.65 1.59 1.72 1.14	27 16 16 28 13	.0	0 0 0 0		14 14 16 16 12	12 6 6 9	1 1 1 4 2
HALEYVILLE HUNTSVILLE MADISON MUSCLE SHOALS CAA A ONEONTA	75.8 77.7 78.6 78.1 76.8	- 1.2 - 1.5 6	90 93 92 94 95	5 19+ 3+ 2 6+	58 54 62 58 51	1 1 1 1 1 1	0 0 0 0	1 11 10 8 15	0 0 0 0	8.06 6.95 8.15 6.36 9.62	2,26 3,53 1,74 3,21	2.73 2.74 3.30 2.12 2.04	16 15 16 15 6	.0	0 0 0 0		11 13 13 12 14	8 7 6 5	2 2 3 3 2
ROCK MILLS SAINT BERNARD SAND MTN STA FRM AP SCOTTSBORO TALLADEGA	77.9 76.3 77.1 77.3	- 1.9 - 1.2 - 2.8	96 93 93 93	2 6+ 2+ 2+	52 54 53 53 51	1 1 1 1 1	0 0 0 0 0	16 9 11 8	0 0 0 0	5,98 5,09 7,93 8,13 10,94	17 23 3.16 5.58	.89 1.45 1.58 2.00 2.03	13 14 26 26 12	.0	0 0 0 0		14 17 18 17 22	10 6 7 13	0 1 4 3 4
TUSCALOOSA CAA APT UNIVERSITY VALLEY HEAD	79.7 79.0 75.4	- 1.7 - 2.4 - 1.9	96 95 91	2+ 20 19+	54 57 48	1 1 1	0	19 16 10	0 0	7.51 7.43 6.34	2.02 1.94 6.33	2.69 1.80	30	.0	0 0 0		13 14 9	7 6	3
DIVISION	1 77.7	ļ.	t		1				:	7.72									
MIDDLE DIVISION ALEXANDER CTY 6 NE AUBURN CAMDEN CAMDEN LAW CENTREVILLE	77.1 77.4 79.4 76.2 80.2	- 2.5	95 93 97 96 97	2 3 2 2	50 59 59 52 60	1 2 1 1 2	0 0 0 0	12 13 15 16	0 0 0	6.52 7.29 8.06 11.81	1.97	1.48 2.32 2.59 2.23	12 14 12 12	.0	0 0 0		17 15 16 17	7 6 7 12	2 2 3 5
CLANTON DATTON EUFAULA GREENSBORO GREENS ILLE	79.0 79.6 79.1 79.6 78.4	- 1.1 - 1.7 - 1.0 - 1.5	96 96 99 96 96	3 2 21 2 2	55 60 64 60 63	1 1 1 1 1 +	0 0 0 0	17 15 14 20 16	0 0 0 0	10.96 12.10 8.50 7.90 6.73 8.78	5.18 6.30 1.74 1.46 2.89	3.33 1.82 1.02 1.53 3.14	12 5 30 13 12	.0	0 0 0		11 16 17 18 14 18	9 11 10 14 7 8	3 4 2 3 3
HIGHLAND HOME LA FAYETTE LIVINGSTON MARION JUNCTION 2 N MAXWELL FIELD	78.0 76.8 78.9 79.2 81.2	- 2.0	96 94 95 97 69	2 2 21 2 19+	61 59 57 58 65	1 1+ 1 1	0 0 0	16 11 14 20 19	0 0 0 0	10.95 8.03 7.74 10.35 9.71	5,08	2.13 1.83 2.23 2.66 3.81	12 27 14 12 14	.0	0 0 0 0		14 15 11 13 14	9 10 9 9	5 2 2 5 4
MONTGOMERY WB APT MONTGOMERY WB CITY PRATTVILLE PUSHWATAHA SELMA	79.4 79.7 79.4 77.8 80.5	- 2.0 7 - 2.8 - 1.1	96 95 96 94 98	2 2+ 2 22+ 2	60 65 58 55 59	1 1 1 1 1	0 0 0	17 15 16 10 24	0 0 0	7.92 7.03 10.38 7.82 11.24	2.17 4.93 1.97 6.12	2.20 1.74 2.33 1.85 2.33	12 12 12 6 12	.0	0 0 0 0		14 14 16 16	7 . 6 10 8 11	3 4 3 4
THOMASVILLE TROY TUSKEGEE UNION SPRINGS WETUMPKA	78.9 78.9 78.8 77.7 79.6	- 2.0 - 1.7 - 2.1 - 3.4 - 2.1	96 94 95 95 96	2 20+ 3+ 22+ 2	65 65 61 60 60	1+ 1+ 2 1	0 0 0 0	13 15 16 13 17	0 0 0 0	5.73 10.79 13.37 8.78 13.74	29 5.09 8.55 3.73 8.92	2.74 1.42 3.00 2.97 2.49	12 12+ 13 31 28	.0	0 0 0 0		13 16 15 12 14	6 13 10 8 10	1 5 6 2 5
DIVISION	78,8				1					9.29									
SOUTHERN DIVISION ANDALUSIA ATMORE STATE FARM EAY MINETTE BREWTON 3 SSE CHATOM	78,8 79,2 78,4 78,1 77,9	- 2.1 - 3.0	95 95 94 96 96	1+ 21+ 1 1 21+	65 64 66 59 56	2 1 2 1	0 0 0	14 14 8 13 16	0 0 0	8.45 13.39 16.28 17.13 10.07	7.88 10.28	1.98 2.90 4.61 1.80	29 10 17 12	.0	0 0 0		16 19 19 17	6 12 13 13	7 7 3
CITROWELLE DOTHAN CAA AIRPORT EVERGREEN CAA APT FAIRHOPE FORT MORGAN	78.7 79.5 78.2 79.0 80.8	- 2.2 - 2.5 - 1.9	93 96 96 95 91	22 20+ 21 2 20+	67 66 59 64 70	2 1 1 10 13+	0 0 0	11 17 16 16	0 0 0 0 0	21.05 7.47 8.42 9.04 6.26	13.58 1.55 2.32 .71	5.36 1.36 1.64 2.32 2.43	12 6 12 28 12	.0	0 0 0 0 0		19 14 20 21 12	14 9 11 9 8	7 2 1 3 1
FRISCO CITY GENEVA HEADLAND LOCKBART MOBILE WB AIRPORT	78.6 78.3 78.8 78.2 79.0		96 97 95 94 92	22 1+ 17+ 1+ 1+	62 61 65 65 67	1 1 2 1 3+	0 0 0 0	14 18 18 10 7	0 0 0 0	13.24 8.85 3.60 10.67 14.16	7.24 2.85	4.28 1.27 2.30 2.65	12 17+ 12 12	.0	0 0 0 0 0		16 18 8 18 20	12 11 10 15	4 4 0 4 6
OZARK ROBERTSDALE 7 E SPRING HILL	78.3 78.0 78.6M	- 2.4 - 2.1	96 93 93	1 1 1+	66 65	1+	0 0 0	12 7	0 0	11.69 10.69 13.99	5.53 1.17 5.08	2.00 1.38 2.19	21 21 28	.0	0 0		15 22 17	12 14 12	4 3 7
DIVISION	78.7	_								11.36									
STATE	78.3	- 2.0								8,99	+ 3.38								

lable 3																															JULY	1950
Station		1 2	3	4	5	6	7	8	9	10	11	12	13	14	Day IS	of me	onth 17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Tota.
ABBEVILLE ADDISON CHTRL TOWER	R R	3	7	05	18 1 90	2%	1 43				52 15	62		1 48	0	.08	5.19					.02	.35	.01		1.73	1.51	.42	1.36 .30 1.41	1.33 .22	. 21	6.50 8.84 8.55
ALBERTY LIE I S						1.5	2.2	4.3				3 84 91	62 51	29	. 70	1.18		.08	. 20				.77	. 14	. 10	.37	.05	. 24	.71	. 20	.89	9,63 5,47
ALEXANDER CTY 6 NE ALICEVILLE ANDALUSIA				. 14	.08	.19 .65	. 03	.02			1.04	1.48 .52 1.41	.96	.52	.20	. 17	. 17 . 80 . 17					. 25	, 041	. 14		. 40,	1.45	1.77	.95	.55	. 13	6.52 7.77 8.45
NHISTON WB AIRPORT			.48	. 25	.04	.32	.75			T	.34	2.33	.82	,71	-	.34	3.60				T	.06	.21		.09	.03	.33	.17	T	.38	T .60:	6.93
ASHLAND ASHVILLE ATHENS	//R				. 15	.09 .46	.36				.18	.93 1.59 .03	. 93	1.01	2.50	2.60	5.17				. 50	.04	.61	. 22 ¹ . 40 . 37	.03 1.00	1.28	1.45 .60 .43	.04	.48	.04	.14 T	8,15 10.81 7.51
TMORE STATE FARM TMORE STATE FARM	R	.8	5 ° 7 .41	.05	. 50	1.05	.98			. 13	. 40	1.61	2.15	0	. 34	.36	.15					1,90	1.90	,01			.63	1.64	1.74	.47		13.39
LUBURN LUBURN SCS 10 LUTAUGAVILLE	R		T		. 17	.10	.03	.14			. 23	.38 .98 3,53	2.77	2.32	. 73		. 10					.03	.10	. 16	. 26		.63 .77 .79	. 18.	.05	.75	.68	7.29 6.66 12.02
ARTON MY MINETE				1.04	. 04	. 38	T			2,90	. 21	2.86	, 35	.46	1,00	1.10	.48	.46		.03	2.05		.12	.02	.12	.50 .52	.97	1.96		,		5.60 16.28
REATRICE BELGREEN BELLE MINA 2 N	R				.85 .68	.40	.65				.35	2.80	.41	1,14	3.17	.18	. 22					. 20	.10		1.57	1.09	.90 .41	4.02 .62	1.38	. 60		11.41 10.51 7.58
ERRY EXAR 2 SE	R				1.61	.07					. 03		. 27	, 04	1.66	.38	. 35					. 20	.10	. 50	.12	. 05		.06	.04	.49	. 21	5.33
BILLINGSLEY BIRMINGHAM WB APT BIRMINGHAM WB CITY	R		. 09		T .29	.61 .78 .58	.05					3.41 3.13 1.68	1,00 1,17 64	T 2.70	2.74 .41 .68	.06	.04		Т		. 05		.30	.30	T 04	1.78	.35 .97 .19	1.41 .11 .06	T :	2.34	.44	12.37 13.70 10.16
IT SHOP HOAZ						.35	.64				,	.25	. 86		.55	1.95	. 18	.10				. 26-		.05	.12	.15	1.10	. 23	. 12		.60	5.75
BREWLUN : SSE	R		. 29	.70	. 04	1.55	. 13	.18			. 05	1.20 .93	.43	1.42	.71	.02	.08 .23 4.61	. 15			.22 .10		1,13	.07	.47 .78	, 20	.51	.04 1,26 1,68 .03	1,54	1 5.7	. 11	7.25 7.08 17.13
RINGEPORT 2 *			. 39	. 50	. 40 T	.16 T		1.10			1,01	.58	. 26	.33 T	.85	.14	.67	.09	.31		1.47		.42 T	.30	, 06	3.46	.90	.03	. 18	2,20		9.98
ALERA AMDEN AMBELL	n	1 .1	3 . 33	. 56	.36 .37 1.01	.13	.21	.07			.39	2.72	1,98 .94	.02 .18	.72	.13					. 20	.02	.80		.15	.04	.17 1.45 1.19	1,14 .57 .04	.03	1.68	1.14	10.95 8.06 7.57
AMP BILL 2 NW ARBON HILL		1 . 5	J JJ		1.15	.18	. 22					2.23			. 44	.80					.01	.12	.87	1.00	.02	.15	.45	.10	. 03	.74	. 89 3 . 80	11.81
ENTER GROVE CENTREVILLE CHATOM			4 .09	. 27	10	1.90	.69				T	.10. 2.28 1.80	.56	1,03	1.88	2.03	.12					T	. 68	1.43	.06	. 09	.42 .34 1.54	. 21	. 30	T .85	1.23	6.61 10.96 10.07
HILDERSBURG		.2	.08	. 21	1.41	.24 .10 .46	.42	. 45			.18	1.96	2.05	.10	. 52 . 45 . 47	.52	. 30	.09	T	T			4,48	.75 .10	. 17	.63	.82	.63 .25 1.28	. 68 . 25 . 35	.31	. 10	8.32 21.05
LANTON LAYTON					20	.23	.33			1	1.00	3,33	. 25	. 28, T	.66 .50	. 07		.07			20	.01	10	.39	.37	. 40	.85	T 1.03	. 04	.80	2.81	12.10
OFFEE SPRINGS OLLINSVILLE OLUMBIA			. 15		. 20	.47	1.04	. 28		1	.60	1.21			1.28 T		.31	.15		.05	. 20	.52	. 10 T		1.24 T	.45 T	.37	3,10	.48	.51	.10,	7.60 11.07 5.99
ORDOVA UBA	,		.01		.07	. 20	. 27				T	.55	.34	.33 .14	.32	.80	.90	.15				.99	.46	. 25	. 59	. 64	1.14	.63 2.45	. 64	. 19	.93	7.55 7.84
ADEVILLE NO 2	R				. 04	. 10 . 90	.13				1.30	2,15 2.00 ,20	. 88	1.13	.07	. 29	, 45				.82	. 04	.72	.78	.01	.52 .08 1.65	.57	.27	, 11 , 12 , 03	.18 .95 1.89		8.59 8.31 7.73
PANY ILLE			17		1.82	.14					. 10	1.03	. 54	. 26	.15	3.46	. 16				. 03			.57	. 11	.01	.36	1,01	.50	.43	1.12	7.68 8.50
DECATUR NO 4 DECATUR SUBSTATION						.89 1.14, .81					. 04	.01 T	.02	. 19			1.47			.11	.01			.03	.15	.06 06 .11	.39	T .01	.22 .23 .21		.06	7.81 6.96 8.35
DEMOPOLIS LOCK 4	- 1		т	. 06	. 85	.76 1.36	. 27 T	.11		.36	. 69	.56	. 58	.06	1.16 T	. 58	. 05	.08		.06		1.08	T		$\dot{\tilde{\tau}}^{14}$. 19	.62	1.47	1.39	.40	.67	8.77
OOTHAN CAA AIRPORT ELBA ELROD	R		1.07	. 03	.03,	1.41 2.03 1.35	. 10	.05		.31		1,56	. 33	. 03	.01	.66	. 05	1.65		.06	.63	1.06		.03	.01	.17	.59 .93 .74	.45 .55	.67 .02 .80	.65	.35	7.23 11.35 7.84
EUFAULA EUTAW LOCK NO 7		1	. 64	. 49	20	. 41	.44	.15		02	, 04	1.44	. 17	.04	.37	.31	.30	.30	. 49		.09		. 29	.33	.04	0.5	.84	1.00	.50 .62	1 02	.82 1.50	7.90 6.95
EUTAA LOCK NO 7 EVERGREEN CAA APT PAIRHOPE	86		. 12	.07	.37	.05 .82 .46	.10	.01		. 83	. 42	1.64	.51	.16	. 01	.86	. 14	. 01	-	.03	. 04	. 26	. 13	.01	.37	.85 .02 1.04	.83	.71 2.32	.49	.06	-	8,42 9,04
PALCO 5 NE PALKVILLE PALLS CITY 5 No				.41	1.00	.06	.50	. 34			1.00	1.91 .25	. 20	02	. 20	. 55	.02			.38		.25	. 10	.09	.60	.02	1.02		.29		.15	11.75
PARLEY PAYFTTE			т			. 74	. 09					. 07	.33	1.10	.09	.95 2.72 1.59	. 26	. 23			.22		.29	1.54	. 13	,75 .54 .59	1.83	1.95 .27 .03	.04	.20	.25	5.40 9.04 4.68
LAT ROCK LORENCE AT LOCK	R				.09	. 48	1	0.1			.11	.45		1.13	.79	3.23	. 60	. 16		.08	.02		.34		1.16	.77 1.04	.30		.11	.34	.08	5.82 6.74
ORT MORGAN ORT MORGAN	//R				. 20 . 72 . 50	.03 .95 .87	. 15 . 26 . 21	.01			. 25	3.83 2.43 2.47	. 08	. 20	. 27	.06				. 03				.05	.40	. 10	.60	1.90 .25 .21	.29 .10 .05	.24	.62	6.26 6.13
ORT PAYNE	R				. 36	.41	.11		:		. 23	.72	. 24	.09	. 22	.98	, 34	0.5			. 12	.20	1.21	1.30	.98	.60	1.11					7.29 6.54
ADSDEN ANDESVILLE				. 07		1.25	. 56	.41	Т .		.04	4.28 .10 2.75	1.00.	1.60	.50	.04 1,12 .14	. 25	.61 T		.02		T .07	.44	.17	.89	.03	.48 .96 .24	1.72	1.90 .21 .48	.02		13.24 8.66 6.98
ARDEN CITY	R I	1			. 13	.03			01		. 20	.51	.86	.68 1.86	1.95	. 17	. 05	. 34					.67	.76	.66	.70	.32	T .32	.37	.31	.34	8.10 7.67
ODDWATER ORGAS				T	1.24	.25 .47 1.22	.60 1.13 .57	. 18	. 01		. 26	.921	.27. 1.14 1.04	.46	.65 1.08	.02	.04	T	Т		T	Ť		. 28	.07	.09.	.16	1,27 T	T .34	.17 .15 .03	.33	8.85 5.77 6.77
REENSBORO REENVIILE					T . 10	.06	T 20				.07	3.14	1.53	.75	. 27	.22	. 23	. 18						. 07	.02	.87	. 13	1.05	.06	.11		6.73 8.78
REENVILLE NO 2 ULF SHORES 2 SSE UNTERSVILLE REC	R		1,51	. 10	. 29	, 20	.85			.62	. 71	2.30 1.55 .86	. 40	.23	. 20	. 50	. 15			2.12	. 10		1,13	.08	.05	.17	.23	1.21	.16	.28	.08	8.81 9.45 6.15
UNTERSVILLE DAM						. 10	.04					.30 T	-41	.17	1.63	1.72	. 04				. 06	. 22		.36	. 25	. 29	.80	.01	.45	,	.20	5.26 8.06
ALEYVILLE AMILTON ARRISHURG 6 SE	R				.85	.10	.02	.15				.09	.05	1.48 .03 .80	.40	.96	. 15							.15	. 25	.35	. 63	.76 1.83 .07	.14	.15 .25 .20 1	.04	7.71 5.12 8.96
AYNEVILLE EADLAND ELENA					1.80	.06	1.95	.03			.12	2.00	.13	.30	.70	.72	. 23							.48	.18	.02	.52	1.12	.72	.20 1		13.72 3.60 12.50
ISHIAND HOME ISHTORER			.05	1,18	1,63	1.49	. 69	.05			.08	2.13	. 40	1.84	.07	.48	. 20	. 07				. 15	.06	.05	-	.58	1.15	. 23	.31	.18 I .94 .02		10.95
ODGES UNISVILLE SUBSTA UNISVILLE					.37	. 60					T	.02	.05	.59	.03	1.56	. 23	т		.02	.48	T .07	. 27	.76	62	.51 1.56	1.98 T	.81 .01 .03	.91		.63	6.53 9.15 6.95
ACKSON LOCK 1			.02		. 04	.55		.72				.76	.72	.77	.75	.70	. 48			.80	.82	.38		. 60 . 04	.62	.79 1.54 .05	.64	1,10 ,75	.31	.47	1	0.95 10.68 7.94
ACKSON LOCK 1 ACKSON SHOALS	R			. 05	.05	.10	.60	.44				1.41	.82 .82	,16 .09	.98	.12	. 64	.08			. 12	, 13	.05	.06	.06	. 24	.70	. 29	. 49	.02	.05	7.67
ACKSONVILLE DRDAN DAM A FAYETTE	R			. 58	. 60	. 20	.21				.09	1.73	2.39	1.47 .40 .40		.89	.02				. 42	.05	.02	20.	. 03	.30	.27 .21 : 1.83	.34	.02	.03 .86 4 .82	.42	9,40 13,90 8,03

See reference notes following Station Index - 95 -

				-		-	-									-																	Y 1950
Station	1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Day I5	7 of m	onth 17	18	19	20	21	22	23	24	25	26	27	28	29	30	31_	Total
PAY DAM LAY DAM LEEDS LEESBURG LIVINGSTON	R				.10	. 85 T	.88 .15 .35 .61 .74	.17 1.35 .07	T .05		. 45		2.18 1.68 2.80 1.10 .72			.59 .15 2.48 1.11 .10		04 . 44	.45 T			. 15	.12	. 92	.96 .40 1.40	.01	. 29 T . 65		.04 .43 1.55 1.50	.39	. 28 2. 20 . 93 1. 15 . 79	.04	10.75 9.98 13.16 13.11 7.74
LOCKHART LOCK NO 17 MADISON MAGELLA MAGNOLIA	R			T . 55	1,67	. 25	.55 .07 .13 1.03 .03	.05	,66	T		.01	2.30 .36 .03 1.59 1.22	.70 .54 .04 1.40 .09	.18 .02 .04 .02 .70	1.19 .02 .55	.74 1.08 3.30 .44	.05 .03 1.33 .18	. 09			. 46 . 35 . 06	.02		T . 27 . 06 . 62	. 06	1.74	1.05 .93 .82 2.46 .22	1.02 .53 .02 .28	2.03 .33 .07 1.01 .82		T 1.31	10.67 7.60 8.15 9.70 8.65
MARION 1 SSE MARION 1 SSE MARION JUNCTION MARION JUNCTION 2 N MARTIN DAM	R				. 10	.80	.84 .84 .42 1.54 .30	. 83	.02		. 03	, 09	1.51		.40 .04 .37 .24	.51 .41 .31 .02 1.55	.39 .60 .02	. 32	.35 T						.34		.24	.17 .38 .37 .18 1.00	.52 .72 .50 1.48 .27	1.92	.09 1.00 .65 1.43	.98 .94 .07 2.25	8.41 7.49 10.25 10.35 9.78
MAXWELL FIELD MELVIN MERTZ 3 E MIDWAY MILLERS FERRY	R			T .12	T .30 .70	.04	.20 1.25 .02 .35	. 21 . 14 . 85 . 93	т		. 10	. 41	1.15 .15 1.36 .81 4.02	. 27 . 51 1.43	3,81 ,29 .39 .53	1.10 1.11 .10 .75	.05 .13 .37	T .12	.05					. 28			.04	.24 .10 .15 .16 .74	.18 .94 .20 .88 .46	.19	1.26 .49 .15 1.54 .71	2.00	9.71 5.87 7.71 7.36 10.17
MILSTEAD MITCHELL DAM MOBILE WE AIRPORT MONTE SANO MORTEVALLO			. 29	,02	. 20		1.32 1.00 .75 1.62	.08 .17 1.09	.62	. 07	, 32	. 68	2.51 2.65 1.30 2.05	1.37 .36 .19	T 1.18	.84 1.16 .05 1.85	. 20 . 05 3 . 40 . 30	.05 T	.02		. 11	1.25 .91 .10	.22	. 13	.92 .16 .27 .75	.02	.88 1.38	.28 .33 2.18 1.34		.05	1.24	.15	13.87 10.59 14.16 13.07 11.02
MOULTON MUSCLE SHOALS CAA A	R R		. 34	T	T . 44	.01 T .25 .26	.74 .42 .03 .02	. 18	.01		.10	1.17 .10 T	2.20 1.74 .05	. 25 . 80 . 03 . 05 . 04		T T 2.51 2.12 .20	.21 .10 1.40 1.49 .57	T .19 1.52			т	т	T .62	.22 .08 .05 .16	T .11 .22	. 10 1.31	.14 1.53 .36	.14 .22 .02 T	.38 .16 .42 .11 .71	.03	.18		7.92 7.03 6.77 6.36 8.82
NEWBURG NEW MARKET NEWTON ONEONTA ORRVILLE							.46 .18 1.18 2.04 .24	.58	.15			. 06	.04 1.08 .80 4.18	. 25 1.35 1.17	. 19	1.02 .03 .98 .42		.44 1.48 1.02 .16	.35		.03	.34			.58	.72 .66 1.04 .54	.11 2.40 .09 .76	.26 .17 1.06 .41		1,32	.06	.16	7.64 8.94 6.85 9.62 10.00
OZARK PAINT ROCK PAIMERDALE PENNINGTON LOCK 2 PERRYVILLE	R			. 47	.02	. 63	1.75 .20 .30	.33	, 08		٠	, 33	.85 .94 1.45 .39 3.11		.48	.66 .93 2.05 .64 2.35	1,05	. 15	. 65	, 14	.09	2.00 .06 .05		.88	.76 .02	4,21	1,63 .75 .30	.41 .03 1.23 .31	.90 .53 .15	.97 .45	.23		11.69 14.79 12.00 5.86 9.88
PETERMAN PICKENSVILLE PINE HILL PINE LEVEL PLANTERSVILLE	R		.03	. 07		. 19	.61 .58 .95	.47 .31 .08 .55	. 89	-	-		.11 2.04 1.12 3.42	.56 .38 .71 1.62	.85 1.28	1.35 .38 2.15	.08	. 12	. 59		. 12		.60		, 15	, 15	.20 .50 1,60	.77 1,10	.79 .58 1.48	.60 .60 .31	.33	1.25 1.08 1.61	7.18 5.55 8.61 12.95
PLEASANT GROVE SCH PLEASANT HILL PRATTVILLE PRIMROSE FARM PUSHMATAHA	R	-		. 26	.17	.03 1.02	.16 .45 .83 1.85	. 09 . 87 . 81	-	-	-		2.33 2.93 .15	.88	1.28	1.16 .32 1.03 1.04	.04	.30 .46 .39 .03	.73	.09	.40	.72	T		.10	.45	1.28 .19 .30	1.49 .23 .18 .13 .44	2.12 .18 .21 .81	1.86 .03 .18	.71 1.90 1.56		10.22 10.38 9.95 7.82
RED BAY REFORM RIVER FALLS RIVER FALLS 2 NE ROBERTSDALE 7 E	R		,30	.58	, 28	T .30	. 28 . 47 . 69 . 40	. 32 . 48 . 25 . 71	. 40		.11	. 22	1.Q2 1.03 1.18	.12 .52 .51		1.73 1.81 .06 .19	.77 1.35 .21 .31	.02 .32 .60	.97	.72	.02	.09	. 12	. 29	T .62	.30	.60 .19 .16	.67 .09 1.47	1.32 .89 1.54 2.21 1.32	.37 .04 4.07 .77	.34		5.64 7.60 12.19 8.74 10.69
ROCK MILLS SAINT BERNARD SAND MIN STA FRM AP SAYRE SCOTTSBOBO						.01	.27 .14 .19 .16	.60	.01		.01		.64 .13 1.42 .50 1.90	.89 .64 .63 1.17			1,45 ,11 1,13 ,07	.50 .05 *	.43	,04	,05	.03	.21 .01	.07	,31 ,41 ,15		.34 1.58 ,89 2.00	.40 .39 .14 .48	.76 .20 .53	.14 .03 1.03	.05	.15 .03	5.98 5.09 7.93 8.40 8.13
SCOTTSBORO SUBSTA SELMA SHEPFIELD TVA NRSY SHOEMAKER SPRINGS SLOCOMB	100,000					т	.79 .66 .72	. 33	.02				.90 2.33	1,29 .76	.10	, 19 , 78 * , 50		.03 .02 .04 6.86 1.20	.13			.05	,30 T		, 50		1.30 1.19 1.54	,83 .14 .84 .91 .96	.17 .26 .07	.92	.98	. 26	8.28 11.24 6.52 10.64 8.11
SNOW HILL SOUTH HILL SPRING HILL SUTTLE SWAIM				. 21	1.27 .12	.03	.80 .14 .54	. 48	.02			.11	2.49 .95 1.60 3.14 .46	.99 .42 1.47 1.32 .85	. 25	1.06 1.34 .49 .48 .22	.22 .05	.21	.08 .62 .67	Т		.21	. 11	.42	.78 .16 1.10	. 10	.77 .32	.54 .28 1.10 .26 .47	.70 2.19 .27	.73	.35 .97 1.95		13.65 5.12 13.99 8.86 7.75
SYLACAUGA SYLVANIA TALLADEGA THOMASVILLE THORSBY I SW	R	. 03			. 02	. 25 . 25 . 03	.40 .08 .43 .53	.04	. 23		. 45	.11	2.27 1.04 2.03 2.74 2.51	. 21	.12 .11 .68 .22 .76	.89 .22 .41 .14	.75 .34 .25 .08	.03	.14	.06	.02	1.21		.12	.62 .70 .91	.06	2.55	1.03 .53 .75 .58	1,81 .03 .19 .33 .05	.35	. 18		10.14 7.87 10 94 5.73 12.41
TRAFFORD TRAFFORD TROY	R R			. 09		. 03	1.18 .18 .25 1.39	. 20	. 26		.11	. 37		.08 1.38 .87		1.00	1.06	. 53			, 10	.11	.25	.08	.30	1.11	1.38 .20 .35	.61	1.50 .45 2.32 1.13		.05 .05		14.57 7.97 9.94 10.07 10.79
TUSCALOOSA CAA APT TUSCALOOSA LCK DAM TUSKEGEE UNION SPRINGS	R		.10		. 45	. 75 . 05 . 63	. 23 . 08 1. 08 . 18	. 28 . 35 T	. 57	T	. 09	. 55	1.35 .38 .21 1.04 .68	. 24 . 23 3,00	. 25 . 07 . 24 . 94 1 . 65	.03 .41 .12 1.84 .98	.53 .79 .35 T	.07	т						.01		.36 1.13	.05	. 10	.60	.75	.17 1.78 1.06	7.51 6.70 13.37 8.78
VALLEY HEAD	R				.17	.76 1.10 1.08	.06 .53 .54 .80	.36	.95			. 10	1,10 ,40 ,37 ,36 1,12	.51 .15 .17 .18 .62	.05 .05 .09 .72	.71 .30 .31 .24	.07	.45	. 19				.05		T 1.80		.83 .84 1.31	.80	*	0 5	3.02 2.95		7.43 7.40 6.34 8.41
WADLEY WALLACE WALNUT GROVE WATERLOO	R		. 40	.35	. 60	1.74 .75 1.68		. 95 L. 00	. 30				.03	. 25 2.60	.20	1,65 .10 2,27 1,68		. 05				. 10 . 34 1. 35		.50	,16 1.34	.20	.29 2.60 .30	.12 .30 .45 .58	.25 .85 .68	1,04	.30	.09	5.16 6.30 15.55 11.69 3.86
WEST BLOCTON WESTUMPKA WHATLEY WEELER DAM WHITFIELD LOCK 3			.02	. 10	.99	. 49	.13 .85 .58 .86	. 10.	T .16	. 26	. 11		. 26	.43 1.93 .14 T	.98 .09 .19 .17 .36	. 93	.11 T .03 3.45	.45 .02 1.00 .46	.01		. 05	. 09	.55	.06		.04	.85	.31	1.27 2.49 .94	.16 .08 .98 .03 .60	.16	.05	10.04 9.35 7.09
WIDOWS CREEK STM PLT WILSON DAM WINFIELD 2 SW YATES HYDRO PLANT YOUNGS STORE						. 17	.21 .19 2.12	.31	. 07		.47		.73 T .20 1.77	. 23 . 05 1.80	.12 .03 .31 1.52	. 67	2.67 1.08 .04 2.76	1.01 .04 .42 .28	.11			. 28	. 16	.86	.55 T .55 .04 .36	.87		.28 .40 .07 .48	.06	.06 .27 .05	.04	.39	7.30 6.77 5.59 11.05 6.07

Table 4							110	TO	LLL	FI	1EC	IPI	IAI	10.	ſΑ											ALABAMA LY 1950
Station						A.	М. Но	our end	ing									P.	М. Н	our end	ding					- 3
outon.	1		2	_3	4	5	6	7	н	9	103	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
-		*									H							-		-			-		-	-
PLEASANT HILL	-		_	_	-	_		-	_	_		_	-1	st-	_	_	_	_	_	1 .		_	1_			1.
													-2	d-												
ABBEVILLE ATMORE STATE PARM														. 55	.01	. 01	. 01									.57
CAMPBELL MOBILE WB AIRPORT 6 NEW BROCKTON									. 02	. 01	. 02			200	0.0		. 08	٠		. 29						.13
PETERMAN TROY														.26	. 06	.10	. 02									.03
													-3	d-												
ANNISTON WB AIRPORT 6 ATMORE STATE FARM														.31	.05	. 02	٠	.02	٠	.48			1	.01		.41
BIRMINGHAM WE APT CAMPBELL EVERGREEN CAA APT 6			.33							٠				.12				. 09								.09
MAGNOLIA MOBILE WB AIRPORT 6 PETERMAN														. 02		. 55										.55
E M S MARKETA								1					Α.	.06	. 01											.07
ABBEVILLE ANNISTON WB AIRPORT 6													-4:	11-	.04	.01										.05
ATMORE STATE FARM CAMPBELL														.15	.03	.02	. 04	. 01	٠	.25						.05
DOTHAN CAA AIRPORT EVERGREEN CAA APT 6 GREENVILLE NO 2																*				.02				. 01		.03
JACKSON LOCK 1 LAY DAM														.10		.01	. 04	. 05	. 05							.10
MAGROLIA MOBILE WB AIRPORT 6 MOBILE WB CITY		4	. 08	٠	*		٠	.10	٠	*		.21	٠	.17	1.48		٠	.01		.01						1.67
NEW BROCKTON TROY												. 61 &			.42	. 02	.15	.01				. 01		. 01	. 01	.29
													-5	th-												
ABBEVILLE ADDISON			30	1.28	. 05		. 09	.12	.01	.01	. 02	. 01	.01						. 04	.10	. 02					.18
ANNISTON WE AIRPORT 6 ASELAND // ATMORE STATE FARM																.15				.02	•					.15
AUBURN SCS 10 BELGREEN BERRY															.07	. 44	.05	. 05			•	.15	.08			.17
BEXAR 2 SE BIRMINGHAM WB APT	I		01	. 04	. 01	.02								.30			.02	. 01	. 91	.15	.11	.11		. 06		1.61
BOAZ CAMPBELL DOTHAN CAA AIRPORT	1				.01	. 01	. 01	.01		.01			. 59	.35							. 04	. 01		.00		.29 .04 1.01
EUTAW LOCK NO 7 EVERGREEN CAA APT 6				٠				. 03			. 65		.15	. 03	.01	.01	. 01	. 02	. 06	. 04			.15	.01		.77
FLAT ROCK FORT MORGAN FORT PAYNE //			40	. 02	. 05	. 02	. 01									. 00	1.5	01			0.0	. 09				.09
GARDEN CITY GUNTERSVILLE REC HALEYVILLE									. 03							. 08	.15	. 01	. 04	.10	. 02	. 01				.36 .11 .03
HUNTSVILLE 6 JACKSON LOCK 1											. 03	. 02			*	. 05		.01	.39	.01	. 09	.21	.07	.01	.01	.85
JACKSONVILLE LAY DAM MAGNOLIA													.77	. 07				.01	. 58	. 02						.60
MARION 1 SSE MOBILE WB CITY									. 02			.11	. 01	. 80	. 07		. 68	.01	. 03							.68 .80 .83
MONTGOMERY WB APT 6 MOULTON MUSCLE SHOALS CAA A 6														. 03	.10	*	*		*	.01	. 08	. 04				.25
NEW BROCKTON PAINT ROCK											Ť	•	. 02	.12	.01	.34	.01	. 03	•	.07			*	•	•	.35
PETERMAN RIVER FALLS 2 NE THORSBY 1 SW								٠		۰			. 57	.02	*		٠	٠	. 01		. 02	٠		٠		.59
TONEY														03		İ			. 01		.02	.01	.07	. 02	. 01	.03 .03 .18
TROY TUSCALOOSA CAA APT 6 UNIVERSITY														.34	. 80	. 57	. 02	. 01	٠	. 66	٠	.58	.11	. 02	.01	1.40
WERNON WIDOWS CREEK STM PLT										v						. 15	. 02		. 02	1.45	.15	.12		. 02	. 01	1.74
40000000													-6t			J										
ABBEVILLE ADDITON ANNISTON WB AIRPORT 6	. 02			. 01		. 01	.01		. 02	. 01				.15 .21 .23	. 01		. 02	. 05		. 09						.25
ASHLAND ATMORE STATE FARM	.02					. 15					.05		. 36	.45					. 04							.09
BERRY BEXAR 2 SE BIRMINGHAM WB APT									. 02	. 01						. 04		. 01	.05	. 01	01	.11				.07
BOA7 CAMPHELL DA FVILLE NO 2								. 01	.01	. 01			. 02	.32	. 01	.15	-				. 01					.78 .62 .13
DOTHAN CAA AIRPORT								. 01						. 01	.01	. 36	. 03	. 03	.02		. 01	. 03				.10 1.41 .05
IVERGREEN CAA APT 6 FORT MORGAN // PORT PAYNE						.02	. 01	.61				.16	. 01	.01	. 05	۰	. 08	•	۰	. 78		•	•	0		.87
GREENVILLE NO 2													.10		. 03		. 10									.08
HAI-YVILLF JACKS N LOCK 1 JACKSONVILLF													. 02	. 08	. 10		. 20									.10
LAY JAM MAGNOLIA MAKION I SSE	04		11	00	01					. 03		0.0					. 07	. 03	. 03		. 01		.01			. 20 . 15 . 03
MILWAY MOBILE WB AIRPORT 6	.01	. (11	.02	.01							. 23		. 88		.04				. 12						.84

Table 4-Continued				-	-		W U.	ır endi										P 1	d Hou	ır end			_		JUL	Y 1950
Station																										Total
		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	-
MOBILE WE CITY MONTGOMERY WE APT MONTGOMERY WE CITY MOULTON MUSCLE SHOALS CAA A 6 PRIVER PALLS 2 NE THORSBY 1 SW TRAFFORD TROY TUSCALOOSA CAA APT UNIVERSITY WIDDWS CREEK STM PLT		.07	٠	٠	.01	٠	.03	*	* * * .01	* *	* * .01	.03	.61 * .12 *	.14 .04 .17 .02	.14	.01	.01 * .83 .01 *	* .05 * .21 .13	.01	.38 .40 .23	.01		.02			.84 .42 .03 .61 .40 1.84 .25 .23
AWNISTON WB AIRPORT ASHLAND ATMORE STATE FARM AUBURN SCS 10 CAMPBELL EVERGREEN CAA APT FORT MORGAN JACKSON LOCK 1 MAGNOLLA MIDWAY MOBILE WB AIRPORT MOBILE WB CITY MONTCOMERY WB APT MONTCOMERY WB APT MONTCOMERY WB CITY PETERMAN RIVER FALLS 2 NE TROCY TUSCALOOSA CAA APT 6		.01	.02	. 01	.01	. 05	*	.30	.42 .15 * .11	.21 .04 * .01	.02 .01 * .01	.01	* .06	.04 .05 .16 1.09	* .02 .02 * .34 .88	* .26 .31 .07 * .26 .02 .18 * .02 .05	* .04 * .01 .01	* .01 .01 .01	* .01 * .06	.05	.05	.07	*			.36 .98 .07 .26 .60 .28 .93 1.66 .12 .47 .25 .04
TUSCALOUSA CAA API		. 03											-8	h-												
ANNISTON WE AIRPORT 6 MONTGOMERY WE CITY		.41				.01																				.01
ATMORE STATE FARM DOTHAN CAA AIRPORT EUTAW LOCK NO 7 EVERGREEN CAA APT GREENVILLE NO 2 LAY DAM MARION 1 SSE MIDWAY MOBILE WB AIRPORT NEW BROCKTON PAINT ROCK THORSBY 1 SW TONEY TROY WIDOWS CREEK STM PLT									-	-		. 08	. 01	th-	* .12	.01	.02	.08 .29 * .02 * .06 * .08 .11	.02 .02 * .42 .03 * .04 *	.66 .03 .32 * .25	* .03	*	.02	*	.01	.13 .31 .03 .62 .45 .03 .10 .10 .45 .11 .09
ABBEVILLE ADDISON ANNISTON WB AIRPORT ASBLAND ATMORE STATE FARM AUBURN SCS 10 BELGREN BERRY		.01		. 01									-11· .13	th- .10	.01	.07	.18	.01 * .02 .02	.01	.01 .07 .01 .05	* .03 .03	* .02 .14 .03	* .01 .02 .09	* .10 .01	* .02 .09	.52 .05 .18 .40 .23 .35 .03
BIRMINGRAM WB APT BOAZ CAMPBELL DADEVILLE NO 2 DOTEAN CAA AIRPORT EUTAW LOCK NO 7 EVERGREER CAA APT 6 FLAT BOCK FORT MORGAN FORT PAYNE CARDEN CAN		.17				0			.01	*	.18	.02	٠	.05	.01 .56 *	.04	. 07	.01	.06	.23	.05	.02	.10 .57	.12 .24 .02	.11 .32 .02 .03 *	.05 .69 1.30 .68 1.31 .11 .25 .23
GARDEN CITY GREENVILLE NO 2 JACKSON LOCK 1 JACKSONVILLE LAY DAM MAGNOLIA MARION 1 SSE MIDWAY MOBILE WB AIRPORT MOBILE WB CITY MONTGOMERY WB APT MONTGOMERY WB CITY									٠		* .01	.03	.04	.03 .19 .03	.20 .22 .08 .02 .23	.03 .09 .01 .07	.04 .07 .02 .01 .02 .01 *	.01 .88 .19 .01 .03	.04 .28 .01 .06	.18 .01 .04 .01 .20	.20 .04 .03 .01 .05 .01 *	.02 .01 .17 .01 .01 .07 *	.15 .06 .01 .02 .01	.14 .02 .09 .14 .02 *	.18 .39 .12 .01 *	.71 .57 2.12 .89 .69 .09 .41
MOULTON NEW BROCETON PAINT ROCE RIVER FALLS 2 WE THORSBY 1 SW TRAFFORD TROY TUSCALOOSA CAA APT UNIVERSITY			.01	٠	.01	.01	.14	.03			*	. 08	.04	.03 * .05 .01 .35 .25	.08	*	.37	. 78	.02 .14 .24 .01	.03	.01	.01	.01	.01	.05 .02 .14	.10 .52 2.49 .22 .42 .37 .55
ADDISON ANNISTON WB AIRIORT ASHLAND ATMORE STATE FARM AUBURN SCS 10 BERRY BIRMINGHAM WB APT BOAZ CAMPBELL DADEVILLE NO 2 DOTHAN CAA AIRPORT	3	.33 .04 .01 .77 .15 .24	. 03 . 02 . 02 . 05 . 07 . 21	. 01 . 06 . 02 . 22 . 08	.02 .03 .01 .38 .06	.65 .19 .07	. 49	1.60 .01 .15	.01 * .20 .05	* .15 .01 .65 .48 .11 .01	.39 * .17 .01 .10	.06 * .02 .10	-12 * .02 .06 .01 .01	.67 .01	.01	.12	.05	.05	.01	.01		.05	.02	.03	.02 .01 .02 .01	.67 .93 1.61 .98 .29 3.13 1.20 .86 2.00 .18

0						A. 1	М. Но	ur endi	ng									P.	М. Но	ur end	ing					LY 195
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
EUTAW LOCK NO 7 EVERGREEN CAA APT FLAT ROCK FORT MORGAN FORT PATTE	6	.07	.01	.01 * .07 .20	.01 * .02 .40	.02	.10	1.10	.01 .01	. 02	.02	* .03	. 01	. 37	*	. 08	*	*	.10	.15	*		*	*	*	* .45 2.47 .50
GARDEN CITY GREENVILLE NO 2 GUNTERSVILLE REC HUNTSVILLE JACKSON LOCK 1 LAY DAM	6	. 05	. 03	.03	.08 .21 .05 *	.07 .02 .04 *	.03 1.13 .02 *	. 54 . 03 . 10 . 08 . 19	.05	.12	.05	.01	.13	. 03	. 02	.01	. 01		. 09	.01	. 01				•	2.30
MAGNOLIA MARION 1 SSE MIDWAY MOBILE WB AIRPORT MOBILE WB CITY	6	.11 .01 .02 .55	.18 .20 .01	.30 .28 .01	.20 .48 .01	.02	.01	.04	.01	.02	.14	.06	.01	.01	.01	. 28	.01		.01	1.15	٠	٠	.01	.30	.01	
MONTGOMERY WB APT MOULTON NEW BROCKTON PAINT ROCK RIVER FALLS 2 NE	6	.03	.05	.04	. 03	.11	.10	1.45	.37	.08 .26 .16	.13	.04	. 01	. 75	.08			.01	.01 .02	.01			.29		. 07	1.74 .05 1.04 .94
THORSBY 1 SW TRAFFORD TROY TUSCALOOSA CAA APT UNIVERSITY VERNON	6	.02	.09	.14	1.11 .40 *	.39	.30	.22	.11 .27 .80	.01 .17	.01	.07	.01	.01	00	. 35	. 05		.01		٠	*	.01	.02 * .03	.01	2.51 1.53 1.35
WIDOWS CREEK STM PLT ADDISON		.01	.15	. 04	.02	. 04	. 06	. 03	. 01	. 02	. 01	-	.12 -13	.01 th-	.08			. 27	.14				. 02	. 01		.08
ANNISTON WB AIRPORT ASSILAND ATMORE STATE FARM AUBURN SCS 10 BELGREEN BERRY	6//		. 01	.01	.02	.01	.29	.62	.09	. 01	. 50	٠	.10	. 47	.21	.14	.01	.01	*	. 03			.33		.03	.61 .43 2.77
BEXAR 2 SE BIRMINGHAM WB APT BOAZ CAMPBELL DADEVILLE NO 2		.04 .02 .01	.40 .02 .09	. 44 . 13 . 02	.01	. 06	.03	. 03	.17 .02 .01	. 01	. 07	. 01	. 01			.30				. 02			.02	.10	. 01	.27 .13 1.17 .47 .44
EVERGREEN CAA APT FLAT ROCK FORT MORGAN FORT PAYNE GARDEN CITY GREENVILLE NO 2	6	.01	.03	. 02	. 06 . 01 . 02	.01 .01 .03 *	. 02	.03	.70	.62	. 03	* . 06 . 02	.03	.36	.12	*	*	*	*	.12	. 01	. 01			.05	.16 .05 .16 2.01
GUNTERSVILLE REC BALEYVILLE BUNTSVILLE JACKSON LOCK 1 JACKSONVILLE LAY DAW	6	.03 .04 .01 .01	* .01 .03	.04	* .02 .48	.07	.01	.02	.05	. 04 . 64 . 03		.19	* .01	. 02	. 03	*	* .01	.18	. 01	. 73	٠	٠	.05	*		.35 .05
MAGNOLIA MARIOW 1 SSE MIDWAY MOBILE WB AIRPORT MOBILE WB CITY	6	.02	.01	.01 .02 .01	.26	.10	.08	. 01	٠	. 03	*	*	.05	1.16	.13	. 01	.03	.02	* .04	.19	٠					1.52 .09 .62 1.43
MONTGOMERY WB APT MONTGOMERY WB CITY MOULTON MUSCLE SHOALS CAA A NEW BROCKTON PAINT ROCK	6	. 03	•	*	٠	.17	.05	.02	.01	*	٠	*	. 01	.01	.04	*	. 01	.01	*	.05			. 39	. 01		.80
RIVER FALLS 2 ME FRORSBY 1 SW FONEY FRAPFORD FROY FROY FROSALOOSA CAA APT	6	.07	.19	. 02	.51	.30	.01	. 19	.10	.18	. 01	. 50	. 95	. 53	. 02	.08	1.20	.12	. 03				. 50	.01		.51 2.79 .08 .87 1.53
UNIVERSITY VERNON WIDOWS CREEK STM PLT		.08	. 01		. 02	.01	.01	.10	. 01		. 02		-14	h_	. 01	.03	.01	•		. 01	. 09	. 28			.04	.17
ADDISON ANNISTON WE AIRPORT ASHLAND ATMORE STATE FARM AUBURN SCS 10 BELGEREW	6								. 01	*	9 . 54	.73	-141	.02 .06 .19	.01	* .41 .20	. 05 . 02	.05	.21 • .06 .01	.16 .52 .05	.23	.03	.01			1.48 1.01 .46 .78
BEKAR 2 SE BIRMINGHAM WB APT BOAZ CAMPBELL DADEVILLE WO 2 EVERGREEN CAA APT	6				. 01						. 01	.15	.05	.04	.07	.01	2.26	.11 .57 .03	.19	. 09	. 66 . 02 . 02 . 04	.01	. 10 . 01 . 01 . 02	. 08	.01	1.14 .04 2.70 1.42 .33 1.13
FLAT ROCK FORT PAYME GARDEN CITY GREENVILLE NO 2 GUNTERSVILLE REC HALEYVILLE		.02					. 04				. 05	•	.02 .02 .10	.03	. 03	.02	. 21	. 01	.01	.06 .68 .01 1.39	.04 .01 .27	.03	. 03	.01	.01	1.13 .11 1.86 .23 2.14
BUNTSVILLE JACKSON LOCK 1 JACKSONVILLE LAY DAM MAGNOLIA MARION 1 SSE	6	.44				. 02		. 02	. 01			.01	. 02	. 02	.01	.10 .77 .15 .07	.03 .11 .21 .06	.18 .12 .05	.91 .01 .19 .05	.08	.03	.05	. 07	*	.01	1.48 .16 1.47 .55 .70
MIDWAY MOBILE WB AIRPORT MOBILE WB CITY MONTGOMERY WB APT MONTGOMERY WB CITY MOULTOW PAINT ROCK	6	. 04							.08	.30		•	.11	.05		.01	.01	.32 * .01	.03	1.07	. 01	.02				.39
TRORST 1 8W TRAFFORD TROY TRUSCALOOSA CAA APT UNIVERSITY WIDOWS CREEK STM PLT	6									.01	. 01			.08		.27 .04 .10	.17 .55 .15 *	. 06	.02	.02	.01.	. 02				2.30 .76 1.97 .25

See reference notes following Station Index.

Station						A. 1	M. Hou	n end	ıng				1		_		P. 1	M Hou	ur end:	ing					
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2 3	. 4	5	6	7	8	9	10	11	12	-
												_	-15t	h_											
BBEVILLE														.10	01										
DDISON NNISTON WB AIRPORT	6	.13			01	04	01					. 02	71	. 28	.03 .0	.11	. 04	. 01	-						1.
SHLAND	11			. 01		01	.01				. 04				.26 .0	2									
TMORE STATE FARM ELGREEN						.03	.13	1.67				*	*		* 1.3	02	.02								3
IRRY						.23	14	. 02	. 07	.10	09	.17	.05		.88 .2 .13 0		. 06		.01	.01	.01				1.
RMINGHAM WB APT								.01	.02			0.2	05	.09	02 .0	. 02	.07	.03	.08	.01					
OAZ AMPBELL				. 01	.01	.01	.02	.01	.06	. 06	.05	.07		.01	.18 .1	02	. 03	.10	.02	.01					
ADEVILLE NO 2								1 10	. 02	.02							. 03								
UTAW LOCK NO 7 VERGREEN CAA APT	6			•		•		1.10						. 01			-	-	-	-	-		-	-	
LAT ROCK ORT MORGAN	//						.11	. 04				.15	. 04		. 1	38	. 02			. 04					
ORT PAYNE	//											17	. 03		.10 .2		. 01		.07						
ARDEN CITY REENVILLE NO 2				. 02	. 03	. 03	.02						.18	.16	.08 .0	.30	. 05	.09	. 01						
UNTERSVILLE REC					.02	. 02		. 03		00	0.5	0.2	1.0	.50	. 12	11		.01							
ALEYVILLE UNTSVILLE	6	. 05		.01	.01	. 04	.06	.03		. 02	.95	03	+		.02 .0	.20	*	. ;	2.33	. 01					2
CKSON LOCK 1									. 04	. 04			. 50		. 2	,		04	. 44						
ACKSONVILLE AY DAM									, 0-9	. 03			1				. 15								
ARION 1 SSE		.01		. 05							03	.01			. 3	7 .03	01								
DWAY BILE WB CITY		.01		. 03									. 01	0.7											
ULTON SCLE SHOALS CAA A	6		*	+				. 14		.74	.05	. 80	.21		. 16		. 04	.09	.05	.02					2
W BROCKTON									60	60	0.0		. 02	.04	.1										
INT ROCK TERMAN					_			_	. 08	. 02	.09		. 01	.30	.43										
VER FALLS 2 NE			An			0.1	01							. 05	01	0.7	0.1								
ORSBY 1 SW NEY			. 02			.01	.01				. 55	.15	.20 1	1.40	.15 .2	. 05	.01			.10					2
AFFORD										.01	.01		.01		.06 0		. 10	. 10	. 03	.01				.01	
DY SCALOOSA CAA APT	6	. 02							*	*		*				*		*	. 27		•				
IVERSITY RNON						. 03	.02		.01	. 01	.03	.09	.01	.01	.35		.10	. 04	. 01				. 01		1
DOWS CREEK STM PLT							. 52	.02	.05		.04			.02	04 . 2	3 11	.01								_
													-16t	h											
DIRON							00	. 01	00		01		.01	11						. 01					
DISON NISTON WB AIRPORT	6						.02	.01	. 02		01		.01				*	*	. 34	.01					
MORE STATE FARM							.08			*	.10	4	*	*		. 15									
RRY		.01	. 01			.02	.27	.01			.10							. 06							
RMINGHAM WB APT											.01			01				. 06							
AZ MPBELL								.01	. 01	. 01	.01		0.1	7.	0.4										
DEVILLE NO 2 THAN CAA AIRPORT										.01		10	.01		01 .0		.01	. 03	.01						
ERGREEN CAA APT	6										* * **	06		.45		, 06	.01		. 28	*	*				
RT PAYNE RDEN CITY											18	06	.01	.01		.17	.01								
EENVILLE NO 2			.05									15	. 29	01	0										
NTERSVILLE REC LEYVILLE						.01	.01	.10				.04			0	,									
NTSVILLE CKSON LOCK 1	6			. 03	. 01	.01			*	*	.01	٠	. 01	.24		*	*	*	. 20						
CKSONVILLE				. 05	. 0 4	. 01	.11	. 04	.02	.01	.01	. 01						.32							
RION 1 SSE DWAY													.01	.32	.01	.01	. 25	.61							
BILE WB AIRPORT	6						0.0			*		*	*	01			*		. 04						
BILE WB CITY NTGOMERY WB APT	6						. 03								0				.21						
NTGOMERY WB CITY							0.8	1.12	.12	. 08					. 06 . 0	1									1
SCLE SHOALS CAA A	6			*	+	٠	.08	.04	.12	.08				45											
W BROCKTON TERMAN													. 55	.20											
VER FALLS 2 NE		0.5	0.7	40						.05				0	1	. 02	03								
ORSBY 1 SW NEY		02	. 04	02						50	.30	.18	. 11	01	04										1
AFFORD OY									. 01	. 01			37		.01 0		0.1								
SCALOOSA CAA APT	6	. 05											57	10	+ +		.01	*	. 78	*			*		
													7 100	1											
NICTON ED INDI												-	-17t	h-					4.0						
NISTON WB AIRPORT LGREEN	6														.02 .0		•		18	15					
XAR 2 SE													08		. 2	01									
RMINGHAM WB APT AZ												04	.01	. 01	01 0										
ERGREEN CAA APT RDEN CITY	6	.13										. 02					.02	. 01							
EENVILLE NO 2												. 02				12	02	.01							
DWAY BILE WB CITY					. 01	.01			.09	. 01				. 19	01										
SCLE SHOALS CAA A	€								+	*	*			.02			*	٠	05	* 11 1	4	. 22	0.5	*	
W BROCKTON TERMAN													.05	13	03					.11 1	11	. 42	.02		1
EASANT HILL								-	-					-			59	0.1							
VER PALLS 2 NE ORSBY 1 SW											u 2	14	02	01	.01 .0		39	01							
SCALOOSA CAA APT	Ь	. 01																							
														.10											
IVERSITY												_	-18t	h-											
IVERSITY									٠	4		*				*	*	+	03						
DBILE WB AIRPORT	6																								
DBILE WB AIRPORT	6 6	.12										09	02												
DBILE WB AIRPORT USCLE SHOALS CAA A		.12											02												
DEILE WB AIRPORT SCLE SHOALS CAA A LOWS CREEK STM PLT		.12											02 20t	h-											
DEFILE WE AIRPORT USCLE SHOALS CAA A IDOWS CREEK STM PLT OTHAN CAA AIRPORT VERGREEN CAA APT		.12												h-		9	04	02	. 03						

Table 4-Continued						-		OIL		110	101		LAKE	101											JULY	1950
						A. N	M. Hou	ır əndi	ng									P. 1	4. Hou	ur endi	ing					-
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
FORT MORGAN HUNTSVILLE	//															.03					٠					.03
MOBILE WB AIRPORT MOBILE WB CITY	6								*		•	•	.17	. 01	٠	•	•	٠	٠	.10						.20
PAINT ROCK TONEY																							. 09	.09	.01	.09
												-	-21	st-												
ASHLAND BOAZ	//												. 10	.11	.01	. 50										.50
FLAT ROCK		. 02																	.17	.01	. 01	. 01				.02
FORT PAYNE GUNTERSVILLE REC	6	.18						. 01		. 02			.10													.12
HUNTSVILLE JACKSONVILLE LAY DAM	0	. 10						.01					. 02	.08	.01	.01										.12
MAGNOLIA MOBILE WB AIRPORT	6																	.06	٠	1.25						.06
MOBILE WB CITY PAINT ROCK												. 04			. 03										.02	.03
TONEY TRAFFORD VERNON		.10				. 01							. 20	. 01	.03			. 09	. 01							.11
WIDOWS CREEK STM PLT					.10		.18											.05	.01							.28
												-	-22	2d-												
ABBEVILLE ANNISTON WB AIRPORT	6				+		٠	. 06							.02											. 02
ATMORE STATE FARM AUBURN SCS 10															. 03					9.9	01	1.77	.08	. 05		1.90
CAMPBELL DOTHAN CAA AIRPORT EVERGREEN CAA APT	6																			.11	. 96		.07			1.06
HUNTSVILLE MAGNOLIA	6	.07													.01	. 01				120						.02
NEW BROCKTON UNIVERSITY															. 05	.01							.48	.12	.02	.62
													-23	3d-						İ						
ARBEVILLE ADDISON	1																.35	. 23			. 01					.35
ANNISTON WB AIRPORT ASELAND	6																. 53	. 01	. 01		.01		.02	. 03	٠	.61
AUBURN SCS 10 BELGREEN	* /													.10		.10										.10
BERRY BEXAR 2 SE																	.01	.01	.03	.03						.02
BIRMINGHAM WB APT BOAZ											. 03							9.0	, 81	.28	. 24					1.13
CAMPBELL DADEVILLE NO 2 EVERGREEN CAA APT	6	.13																.80	. 01	.03	. 67	.01				.80
PLAT ROCK FORT PAYNE		. 20						İ						.19	.03	. 08	. 02		. 01	.01		. 02				.34
GARDEN CITY GUNTERSVILLE REC												. 02	. 92		. 04				. 52	.10	.10					.67 1.13
HUNTSVILLE JACKSON LOCK 1	6								*	٠	*	*		.18		*		. 01	. 01							.05
JACKSONVILLE LAY DAM	6																.08		. 01	.52	. 03					.16
MOBILE WB AIRPORT MONTGOMERY WB APT MONTGOMERY WB CITY	6															. 07	.01	0	*	.22						.08
MUSCLE SHOALS CAA A NEW BROCETON	6														9.	. 03	. 09	. 03	.01							.16
PAINT ROCK BIVER PALLS 2 NE												. 23	. 57	.02	. 65				. 03	.03						.88
THORSBY 1 SW TONEY TRAFFORD													.10	.30		.32		.17		. 02						.30
WIDOWS CREEK STM PLT													. 43		.14					, 06						.86
												_	-24	th-												-
ADDISON ANNISTON WB AIRPORT	6	.21								. 01					* .03	.19	4			. 70	٠	*				.01
ASHLAND BIRMINGHAM WB APT BOAZ	//														, 03	. 10	.01	. 08	. 70	.05						.84
FORT MORGAN FORT PAYNE	//				. 02			. 06	.20								. 79	. 09								.24
GUNTERSVILLE REC HALEYVILLE															.15	4.4	.08	0.1	00	0.0	0.4	00	00			.08
JACKSONVILLE MAGNOLIA	6							. 07								.44	. 12	.01	. 99			.02	.02			1.62
MOBILE WB AIRPORT MOBILE WB CITY MOULTON	0							.01				. 01		.11						. 20						.01
MUSCLE SHOALS CAA A PAINT ROCK	6								٠		٠		.02	. 22									1		1	.02
PLEASANT HILL													200	0.0		15	.02	.82			. 04					.15
TONEY TRAYPORD		٠		٠		٠					٠		.30	.03	.05	. 08	.01	.02	.07		٠	٠	•	8	.30	.40 .30
WIDOWS CREEK STW PLT															.49	.03		.02					i		1	. 55
												-	-25	th-												
ANNISTON WB AIRPORT ASHLAND	6	4.13													*	. 03	٠	•	•	.09						.03
BELGREEN BERRY																		13	.12	1.34					.01	1.57 .12 .10
BEXAR 2 SE BOAZ CAMPBELL				. 01	.01	. 01		1	. 01					.01			. 21	. 01	. 03	.02	.15			. 01	.01	.47
PLAT ROCK FORT MORGAN	//		.01	. 05														.25		. 05	.14			. 06	.01	1.16
FORT PAYNE GARDEN CITY	, ,							02										50	. 04		. 03	.14		. 01	.01	.54
GUNTERSVILLE REC																							02	. 03	1	.05

ALABAMA JULY 1950

Table 4-Continued								OII.	L-1		ECI		.AI	101	٧											¥ 1950
Station						A. 1	M. Hou	ır endi	ng					-		-		P. 1	M. Hou	ar endi:	ng					iai
Station	1		2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Totai
HALEYVILLE	1		1					Ť				-		-			L		.20	. 03	. 02					.25
HUNTSVILLE 6 JACKSON LOCK 1															*	*	. 05	*	. 01	09	*	٠	٠	*	*	.06
JACKSONVILLE MOBILE WB AIRPORT 6									٠	*		*		. 10	ъ	٠				.26			. 03	* 0	0.0	.03
MOBILE WB CITY MOULTON MUSCLE SHOALS CAA A 6								05												. 01		.05		.10	. 08	.18
PAINT ROCK PETERMAN														. 03	. 12				1.27	. 05	2.21	.40	. 23		.05	4.21
RIVER FALLS 2 NE TONEY																		. 27	. 03	. 10	. 20	.69	. 05	. 06	0.0	1.11
WIDOWS CREEK STM PLT													00	. 1								.16	. 26	.22	.23	.87
ADDISON										. 01		. 01	-26	. 03	. 12	. 01		1.01	.39		. 01					1.73
ANNISTON WB AIRPORT 6 ASHLAND //									•	*	*	*	*	. 67		•	. 96	.30	*	.25	٠	.01	•	*	•	1.28
BELGREEN BEXAR 2 SE BIRMINGHAM WB APT													. 06	79	. 19	. 01	.02	. 95	.14	. 06	01					1.09 .05 1.78
BOAZ CAMPBELL											. 17	.02	.03	,,,		.13		. 10	. 25	.00	.02			.01	. 03	.20
DADEVILLE NO 2 DOTHAN CAA AIRPORT														.05			. 01	.01	.05							.08
EUTAW LOCK NO 7 EVERGREEN CAA APT 6 FLAT ROCK	1 -		-	- 1	_	-	-		٠	٠		.19	. 20	. 02	. 60	. 15	.05	. 02	.10	.10	. 04	. 03	. 01		. 01	.77
FORT MORGAN // FORT PAYNE	1 .0											. 20	. 20	. 00		17	.01	, 13			.10	.11				.13
GARDEN CITY GREENVILLE NO 2					. 02	.01					. 02	.14	.01	. 01	. 06	. 02	01	.01								.19
GUNTERSVILLE REC HALEYVILLE HUNTSVILLE 6		i3			*			. 02	*	9	*	*		. 01	.10	. 03		.07		.35	. 07	. 03				.30
HUNTSVILLE 6 JACKSON LOCK 1 JACKSONVILLE	. 5	J		7				.02			.09	.01	.13	.01		.14	. 11	.02		. 03						.24
LAY DAM MAGNOLIA													.27			. 22	. 05				. 01	.01				.29
MIDWAY MOBILE WB AIRPORT 6 MOBILE WB CITY	.0	100	.33	.31					*	*	*	*	.02	.24	. 03	. 23	*		*	. 64						.02
MONTGOMERY WB APT 6 MONTGOMERY WB CITY		12	. 33	. 51											. 03	*	. 20 *	,01	*	.14						.01
MOULTON MUSCLE SHOALS CAA A 6	1.3	0		*				.02							*		1.17	.10	. 20	.35						1.53
PAINT ROCK PETERMAN PLEASANT HILL								. 02			. 21				. 13	.14		.07	. 01	.08						1.63 .20 .19
TEORSBY 1 SW TONEY	i			İ											.83		1.20	.11	.07							.83
TRAFFORD TROY										. 01	. 01	. 01	.01	. 23	. 04	. 01	. 01	. 01								.35
TUSCALOOSA CAA APT 6 UNIVERSITY VERNON												,28			.05	.65	.05	. 05		.01				.01		.84
WIDOWS CREEK STM PLT												.30	.07	. 02		. 01	.19	. 36	.45	. 40	. 01					1.81
ABBEVILLE							,80	,36			.09	. 05	27	th-	.18	.01									1	1.51
ANNISTON WB AIRPORT 6 ASHLAND //	. 0	1	*	. 01	*		. 03	.01		*	*	*	*	. 02	*	*	*	* .82	*	.12	.01	*	.02	*	*	1.45
ATMORE STATE FARM AUBURN SCS 10				. 03			. 02	. 50	.15			. 09	. 09	. 02	. 02	. 01	. 10	. 02	. 05		.08	.02				. 52 . 77
BELGREEN BIRMINGHAM WB APT BOAZ	.1	0	. 01	.01	. 01	. 02						. 04		. 04	.32		. 01		. 01	.77	.05	. 03				.41 .97 .51
CAMPBELL DADEVILLE NO 2			. 01	.01	.01	.12	. 26				. 01				. 99	.04	.03	. 04	. 03	.02	.04					1.19
DOTHAN CAA AIRPORT EUTAW LOCK NO 7	-			İ	. 01	.01	. 22	*	. 07	. 04 *	.02		.01	*		*		*		*	*	*	.01	*	* 1	.59
EVERGREEN CAA APT 6 FLAT ROCK FORT MORGAN //			*	*	*	*	*	. 02	. 01	.28	*	. 20	. 05	. 52	. 02	*	. 01	.30		.05	.05	*	•	*	•	. 58
FORT PAYNE GARDEN CITY			.18	. 26	. 01	. 01			. 02	.20						6	.01			.03	.03				1	.46
GREENVILLE NO 2 GUNTERSVILLE REC										. 02	. 02			. 84	.11	.01	.14	.15	. 11	. 04	.04	. 02				1.50
HALEYVILLE HUNTSVILLE JACKSON LOCK 1	. 11														. 05	. 56	.01	.01	. 06	. 05					-	. 63
JACKSONVILLE LAY DAM	.0		. 01	. 07	.13	. 03		. 02	. 01									1 2.00		,						.27
MARION 1 SSE											0.4				. 13	.10	. 02	. 04		. 01	. 02	0.1				.38
MIDWAY MOBILE WB AIRPORT 6 MOBILE WB CITY			*	*	*	.01	. 20	. 06	٠	*	. 04	.03	* . 59	. 86	. 01	* 01	. 08	.01	* . 06	1.24		.01	*	*	*	.16
MONTGOMERY WB APT 6 MONTGOMERY WB CITY			*	*	*	. 02	*	. 01							*	. 01	. 05	.10	- 0	.07	.02	.01	*	*	*	.22
MOULTON NEW BROCKTON PAINT ROCK							. 06	. 02		1.17	.10		. 06	.15	. 09						. 02	. 04	. 04			.02 1.75 .03
PETERMAN PLEASANT HILL													. 20	.01		. 01	. 20	.16	.13	. 03	.02	.02				.77
RIVER FALLS 2 NE THORSBY 1 SW	.0)3	. 02									1.11	. 25	.01	, 04						. 04	.01				1.47
TRAFFORD TROY TUSCALOOSA CAA APT 6									. 02 . 27	.01	. 01		. 34	.39	.01	.07	.01	. 55	.01	.01	. 02	. 01				.61 1.20
UNIVERSITY VERNON			.01													.12			.17	.62	.01	. 01				.82
WIDOWS CREEK STM PLT					. 01			. 01			. 02					. 02				.22						.28
ABBEVILLE												-	-28	th-	. 01	.09	. 01	.10	. 03	. 01		1				.25
ADDISON ANNISTON WB AIR-PORT 6	. 1	8							.16	.15	.01	. 01		. 03	.06	*	*		*	. 09				*		.42
ATMORE STATE FARM BELGREEN BERRY									. 28	. 29		. 03	.15	. 01	.06	1.08	. 28	. 02	. 02							1.60 .62 .06
BEXAR 2 SE BIRMINGHAM WB APT							.02	.03			_	. 01	.01	.01		.19	. 02	.01		. 05	. 05					.30

See reference notes following Station Index.

Station			-			A. I	M. Hou	ur endi	ng									P.)	4. Hou	ur endi	ing				
	-	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	S	6	7	8	9	10	11	12
Z IPBELL HAN CAA AIRPORT FIGREEN CAA APT T MORGAN	6	.19			.01	. 02	.01			. 01	. 10	. 04	. 01	. 01	.02	.18	. 07	.03	.03	.71	. 02	.01			
DEN CITY ENVILLE NO 2 EYVILLE TSVILLE	. ′′				.01	. 01	.04	. 54	.16	.07		. 0%		. 07	.04	. 76	.09	.01	.01	.02	.02	.01	.05		
ESON LOCK 1 ESONVILLE NOLIA	0								. 01		.01		.01	. 23	.01	. 12	. 05			.07	.27				
ION 1 SSE VAY ILE WB AIRPORT	6	. 02		.01	. 01	.01	.01					. 22	.48	. 02		.07	.71	.05	.01	.70					
LE WB CITY FOOMERY WB APT FOOMERY WB CITY	6	. 06							٠	٠		. 59	:11	.08	. 10	.17	14	.03	*	.30					
TON CLE SHOALS CAA A BROCKTON	6							.15	. 05	.18	.02	٠	٠	.11	. 27	.02	.16	.15	. 02						
CRMAN SANT HILL CR FALLS 2 NE		.01	02	. 01	. 01	.01	.36	. 64	. 02	.01	.01	. 12	. 88	. 0 1 . 02 . 53	.40 .02 1.15	.30	. 05 . 02 . 15	.08	. 02	.01					
RSBY 1 SW PPORD			. 03	. 02			. 02	.01	.17	. 23	.03	.01	.01		. 01	.18	1.63	.37	.01	.01	. 01				
CALOOSA CAA APT PERSITY	6		•	•	*	*	*	. 01	•	*	•		*	. 61	۰	• [۰		•	٠	٠	٠	٠	٠	٠
EVILLE SON										0.1	01	-	29	h-		0.4	0.0	1.13	. 03	.04	.16				
STON WB AIRPORT AND DRE STATE FARM	6	.08	*		٠	.41			.15	.01	. 01	64	.04			.21	. 07	0.4	10	0.5			.07		
GREEN LY AR 2 SE									.15	.34	.00	. 51	.04	. 02	.34	.01		.21	. 13	.03	.01				
PBELL EVILLE NO 2 IAN CAA AIRPORT					.12	. 01	.02	. 25	. 01	.01			.12	.01	.01	.01	.01	.01							
W LOCK NO 7 IGREEN CAA APT	6		*		* ,	.01	.02	.62	. 20	.05	-	-	•	.02	*	-			.05	.58	-	-	-	-	-
NVILLE NO 2 SON LOCK 1 SONVILLE DAM	//	.04	.01				.03	. 01	.01	.01	. 04	.01			.13	. 01	.21	.02	.03	.01	.01		. 02		.04
OLIA ON 1 SSE LE WB AIRPORT	6		.00									.09		.03				.79	.03	. 12					
LE WB CITY GOMERY WB APT GOMERY WB CITY	6											.06	.02		. 25	.01	.02	.02	.01	.03					
BROCKTON ERMAN ESANT HILL					. 03	.01	.01	. 17	.19	.02	.01	.01			.05	. 13	. 02	. 05	1.41	.10	. 01				
ON PALLS 2 NE			.01			.01	. 56	.15	. 04						.16	.05	.02	.03	.87	.11	.08	.02	. 01	.01	
EVILLE				1	.01	.01	. 17	. 33	. 62	. 01		.02	30	h-		.01	. 11	02							
SON STON WB AIRPORT	6				.01	.01	.01	. 01	. 04	*		*	*	.19	.01	.01		.02							
IRN SCS 10 Green	//							.10	. 01	.40	.15	.05	.05	.13					.50	.10					
NINGHAM WB APT TVILLE NO 2 MAN CAA AIRPORT					. 08		.19	.01	.01	. 02	.40	.17	.01 .04 .62	.11	.01	.01									
RGREEN CAA APT ROCK DEN CITY	6								٠	*	٠	٠		.06	.07	. 26	. 01								
NVILLE NO 2 YVILLE SON LOC 1 SONVILLE		02	.01							. 03	. 02		.15	. 06	.03	. 01									
DAM FOLIA			. 01	. 01	.02	. 23	. 36	.27	.39	.39	.30	.02 .13	.01	.30	.01 .01 .48	.03	.09	.06	.01					•	
GOMERY WB APT	6		٠	•	٠	* 30	03	.40 .05 02	. 24	.04	.21	.45	.14	.01	.04	.01	19	. 03		59	٠		٠	*	•
CLE SHOALS CAA A BROCKTON SANT HILL	6					. 01		03				01		. 44	01	. 01 14	01 04	01 02	01 01	. 18					
R FALLS 2 NE ISBY 1 SW FORD			01	01		11	04	18	50	06	18	27				01	03	02 14	01						
CALOOSA CAA APT	6			:			*	35				02 *	01	10 1 08	. 08	30	.02	01		1 26					2 95
OWS CREEK STW PLT				03	01	01			04		10						08	07							
AND RN SCS 10										٠			-31s		0.5	.09									01
IY HINGHAM WB APT VIILE NO 2													04	07 01	43		08	02							
T ROCK NO 7 ROCK NVILLE NO 2			95	0;				-			-		08							1			-		
KSONVILLE TGOMERY WB APT	6	01												. 05			37								

ALABAMA JULY 1950

Table 5								-							4 11	. 01	L															1950	
Station	-				-		_			100	1	10	100		T	of m							1							1		erage	
ALBERTVILLE 1 S MAX	92	93	91	90	90	6 85	84	84	9 85	10	85	86	13	14	15	84	88	18	19	90	87	85	83	92	25 88	26 84	82	28	87	30	1	86.7	
ALEXANDER CTY 6 NE MAX	92	95	89	94	92	87	85	86	87	89	85	83	85	81	86	89		66 91	93	68 92	92	69 91	88	90	91	89	70	69 82	88	84	90	88.5	
ANDALUSEA MAX	95 66	54 94 65	93 67	90 69	90 70	68 85 69	89 71	82 70	60 82 68	81 67	88 69	67 82 68		66 81 71	88 70	86	86	90	92	94	93	93	95	90	93	90	89	70	85	85	85	88.2	
ANNISTON WB AIRPORT MAX	89	94	93	91 67	89 69	86 69	85 68	88	86 62	89	87 68	82	85	84 69	85 69	88	87	89 68	70 92 68	73 92 69	68 91 69	68 90 68	69 88 69	72 90 66	88	85	71 86	69 81	86		88	87.6	
ATMORE STATE FARM MAX	94	94	88	87 69	90	85 71	83 71	84	83	90	80 69	79	87 71	84 72	88	86	90	92 70	94	94 74	95 71	95 67	92	90 67	90 70	88 71	70 86 73	, 70 87 70		88	93	88.4 70.0	
AUBURN MAX	90	92	93	91	92	90	87	87	85	86	85	83 68	81	77 66	81	87	88	. 87	90	92 71	92	92 68	90	88 68	90	90	89	85	81	87	75	87.2 67.5	
BAY MINETTE MAX	94 69	92 66	86 67	83 70	88	85 71	86 69	86	84	89	79 69	76 69	87 70	84 72	86 72	83	88 70	91 71	92 72	91 72	92 67	93 67	88	88	88	86 71	85	85 71	83	88	91	87.0 69.8	
BELLE MINA 2 N MAX	87 52	95 63	94 69	95 68	91	90 70	85 66	88 60	90 70	89 71	90 64	85 67	88	87 68	83	89	89	89 68	91 66	91 68	90 69	89 68	90	88 65	89 70	85 70	83 65	80 63	90		88	88.5 66.6	
BIRMINGEAM WB APT MAX	89 54	92 60	92 68	90 68	87 69	85 68	87 69	85 68	86 67	87 63	85 70	80 68	85 68	85 68	81 68	88	87 71	91 69	92 68	93 69	91 71	90 70	90 71	90 70	89	85 69	85 70	82 70	87 69	80 70	85	87.1 68.1	
BIRNINGHAM WB CITY MAX MIN	91 59	93 65	95 67	94 70	92 69	88 68	90 69	89 67	91 65	90 65	87 70	81 68	85 68	86 70	80 68		90 71	91 71	93 72	93 72	92 72	92 70	90 73	92 70	90 69	86 69	87 69	83 70	88 69	83	88 70	89.0 68.8	
BREWTON 3 SSE MAX	96 59	94 64	85 65	85 66	90 68	88 68	82 68	84 69	81 65	88 64	84 69	81 68	84 69	88 70	88 69	87 70	91 68	92 69	93 68	94 66	93 69	95 66	92 68	91	92 68	88	86	87 69	85 69	87 69	91 69	88.5 67.6	
CAMDEN MAX MIN	93 59	97 61	93 64	92 67	88 70	92 70	88 71	84 70	86 64	89 65	88 67	80 69	86 70	87 71	88	90 73	88 71	92 71	94 73	95 74	95 70	93 69	95 68	94 70	92 69	89 69	88 71	82 70	88 71	86 70	91 71	89.8 69.0	
CAMP HILL 2 NW MAX	92 52	96 55	93 62	91 64	94 65	86 68	86 65	85 61	85 59	86 62	80 63	83 65	80 65	81 64	88 66	90 66	88 62	90 62	93 67	92 68	91 66	90 64	90 64	90 64	91 65	90 66	87 67	86 68	88 67	88 66	90 65	88.4 64.0	
CENTREVILLE MAX MIN	90 65	90 60	95 68	95 72	92 72	91 68	90 69	88 72	87 70	89 70	90 71	85 67	83 68	89 70	88 68	88 72	90 74	90 74	90 76	95 74	97 76	95 72	94 74	94 72	92 68	93 72	89 70	88 70	80 70	91 69	79 69	89.9 70.4	
CHATOM MAX MIN	95 56	95 60	87 60	90 62	83 65	88 66	85 68	88 67	87 62	90 60	82 67	77 65	90 70	81 69	88 71	88 71	91 70	90 67	94 68	95 74	96 69	96 66	94 66	91 65	87 67	84 67	90 70	86 68	86 70	92 71	92 72	89 0 66.7	
CITRONELLE MAX MIN	92 69	91 67	90 69	91 70	91 68	83 71	81 71	85 69	83 68	89 68	78 70	74 68	86 71	83 72	85 72	85 73	86 71	87 72	92 73	92 75	92 71	93 68	90 69	87 71	88 72	84 72	87 72	82 70	86 71	89 71	91 73	86.9 70.5	
CLANTON - MAX	90 55	93 59	96 67	93 67	93 72	92 70	88 68	90 68	88 63	89 64	90 69	83 69	81 68	87 69	83 70	87 71	90 70	88 70	93 71	94 73	94 71	94 68	92 72	94 69	93 68	92 70	89 72	89 70	82 72	88 69	76 69	89.4 68 5	
CORDOVA MAX MIN			92 69	94 70	92 70	87 67	87 70	88 69	89 68	90 70	90 69	84 69	88 72	84 74	88 74	90 75	90 78	92 80	94 80	95 78	92 77	92 75	92 76	94 74	93 72	92 74	93 70	89 69	88 69	89 68	89 72	90.2 72.3	
DAYTON MAX MIN	92 60	96 62	94 67	95 68	93 70	87 70	87 71	85 70	88 66	90 62	88 69	81 69	89 70	92 71	88 71	89 72	88 70	91 71	93 73	94 73	94 69	92 69	92 70	93 70	89 69	88 72	85 72	89 71	86 69	86 70	90 71	89.8 69.3	
DECATUR MAX MIN	87 52	93 64	91 70	92 71	90 71	83 70	86 67	88 66	87 68	89 68	90 69	84 70	86 69	82 70	72 68	85 68	87 72	90 71	92 71	92 72	84 71	85 69	95 70	90 70	89 70	87 71	84 70	81 70	88 68	85 70	89 70	87.2 68.9	
DOTHAN CAA AIRPORT MAX MIN	94 66	92 70	89 68	88 68	86 70	91 70	84 71	80 68	80 67	89 68	83 70	88 68	87 71	90 70	90 70	94 72	92 70	94 72	95 72	96 70	95 70	96 69	93 70	93 69	94 71	93 71	82 70	87 68	85 70	81 69	91 70	89.4 69.6	
EUPAULA MAX MIN	96 64	96 67	91 66	91 67	85 70	86 70	85 71	81 70	84 67	82 66	85 69	82 69	86 70	80 69	88 69	90 71	86 71	95 74	96 71	95 73	99 69	95 70	97 69	95 68	96 70	96 70	87 70	87 69	86 70	77 68	86 66	89.1 69 1	
EVERGREEN CAA APT MAX	94 59	95 60	91 64	91 65	88 68	90 67	83 70	83 68	84 64	89 63	82 67	68	86 69	86 68	70	90 69	90	93 67	93 68	93 71	96 67	95 67	93 69	91 67	91 67	88 68	88 69	86 69	86 69	68	91 69	89.1 67.2	
MIN	92	95	. 91 66	88 68	90 71	89 69		89 68	89 65	89 64	82 69	77 68	87 69	90 71	70	91 72	92 71	69	93 70	90 72	93 67	92 66	67	91 69	92 70	69	82 69	85 65	68	89 70	73	89.2 68.7	
FAYETTE MAX MIN	50	92 55	96 63	90 65	65 65	93 65	87 66	88 62	62	90 59	90 63	90 67	67	88 68	67	78 66	68	66	91 66	93 65	94 65	92 66	92 66	93 66	90 65	90 67	86 69	68	82 64	69	1	88.9	
		75	75		73	72			72		72	73						75	89 76	77			76	73	89 74				74	77	78	87.3 74.2	
FRISCO CITY MAX MIN GADSDEN MAX	93 62	93 66	95 66	91 68	89 69			70	65	83 65	68	81 68	78 68	70	70	71	70	68			92 71	96 67	94 69	93 69	92 70		85 70	68	85 69	85 69		88.4 68.7 89.1	
GADSDEN MAX MIN GENEVA MAX	88 52 97	91 54 97	96 64 93	95 64 91	91 66 89	97 69	88 66 92	88 65 82	86 59	87 61	88 66	64	81 60 84	63	86 61 90	89 69	86 72 90	92 61 93	92 60 95	94 66 95	94 67	90 69 94	91 66 96	91 65 95	90 67 95	92 68 94	88 70 93	88 70 77	86 70 84	68	68	64.8	
GOODWATER MAX	61	66	66 92	66	68	89	69 88	69	66	65	67	81 67 91	67	84 67 85	68	69	67	68	67 90	68 92	66 93	65	66 91	65 89	65 90	67 90	68	65 89	67	66	67	66.7 87.4	
GREENSBORO MAX	55	57	66 95	68	70	69	69	67	64	65	68	68	68	69	69	70	72	68		69 93	70	68 92	69	68 93	67 92	68	70	70	71	69	69	67.7 89.8	
GREENVILLE MAX	60 93	63 96	66 95	68 90	70	71	71 82	68	65 84	67 88	69	70	70 83	71	70	71 90	90	92	71 93	72 93	71 92	70 93	70 92	71 90	69 91	71 92	73 89	69 83	73 87	71 82	70	69.4 88.5	
HALEYVILLE MAX	63 87	63 89	69 89	69 89			70 82	66 82	63 85	68 86	69 87	67 83		68 82	73	70 82	69 85	69 86		70		69 84	69 87	69 87	69 87	69 82	68 83	68 79	69 82	82	85	68.2 84.6	
HEADLAND MAX	58 92	67 94	91	6 8 87	86	68 88	68 84	67 80	67 78	68 86	69 84	68 84	93	90	90	90	67 96	69 94	94	95	93	67 94	65 94	65 92	92	91	67 82	66 85		80	90	88.8	
HIGHLAND HOME MAX	92	65 96	94	92	92	93	84	82	85	84	81	82	81	80	86	87	90	92	93	91	93	92	93	92	92	88	87	86	86	78	90	68.8 88.2	
HUNTSVILLE MAX	91	92	92	92	91	69 84	70 89	88	90	90	90	84	68 85	68 84	72	88	69 89	92		93	86		70 85	87	89	69 85	70 85	88	87	84	89	67.7 87.7	
MIN MAX	90	58 94	91	71 92	91	87	65 85	63 83	69 84	65 85	70 83	80	68 77	68 84	87	89	86	90	92	91	91	90	88	89	89	70 90	70 87	82	87	68 78	89	67.6 87.1 66.5	
LIVINGSTON MAX	59 89	93	92	67 89	92	67 86	68 87	86	87	63 88	66 89	83	89	65 84	85	90	69 88	90	93	94	95	93	92	92	91	88	90	84	86	86	90	89.1 68.6	
LOCKHART MAX	57 94 65	61 94	65 91 68	61 89	87	70 87	89	79	66 32	65 79	67 86	70 82 66	84	82 70	70 89	71 84 72	87	90	91	93	92	90	94	91	89	89	87	79	86	82	86	87.2 69.1	
MIN	65	70	68	69	69	70 .	71	69	68	68	68	66	67	70	70	72	71	70	70	71	70	67	70	69	68	, 0	. 0	30	50	-0			

Table 6

Station																Day	ol mo	nth															e Di
Stauon		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Aver
MADISON	MAX	84 62	90 63	92 67	91 70	92 72	92 71	85 67	89 66	90 66	89	89 70	91 70	85 68	89 69	85 69	82 69	86 72	89 71	90 71	91	92 71	85 69	85 69	89 68	88 69	89 70	. 86 70	86 71	83 70	88 70	87 71	88.0 69.1
MARION JUNCTION 2 N	MAX	93 58	97 59	93 65	94 67	90 69	89	88 70	86 67	87 64	90 66	85 68	83 68	89 69	90 70	88 70	92 71	91 69	93 70	96 71	94	94 68	92 68	94 69	93 70	93	92 70	90 72	81	87 71	84 65	91 68	90.3
MAXWELL FIELD	MAX	94 65	95 66	95 71	93 72	91 74	87 73	90 74	87 72	88 67	88 69	84 72	86 70	86 71	84 72	90 71	91 75	93 72	94 74	96 75	96 76	96 74	94 73	93 75	95 73	95 75	92 74	68 73	82 72	85 73	75 71	92 71	90.2
MOBILE WB AIRPORT	MAX	92 69	89 68	86 67	86 68	88 70	87 69	85 71	87 70	84 69	90 67	79 71	76 69	86 72	86 73	87 73	88 75	88	88 72	90 73	91	92 70	91 67	89 71	88 72	86 73	86 72	83 70	85 70	87 71	88 74	90 73	87.0 70.9
MONTGOMERY WB APT	MAX	94 60	96 63	92 68	92 68	92 71	88 70	89 72	85 70	86 64	89 66	84 69	85 68	85 70	86 70	89 70	92 72	91 70	92 72	94 73	95 74	94 71	94 70	93 71	93 70	92 70	90 71	87 71	81 70	85 71	77 69	90 68	89.4
MONTGOMERY WB CITY	MAX MIN	92 65	95 67	92 71	91 71	92 72	87 71	88 73	84 70	85 66	86 69	81 70	83 68	82 69	83 71	87 70	91 73	89 72	92 73	94 74	95 74	94 72	92 73	92 73	92 72	92 73	89 73	87 72	79 71	86 72	74 70		88.3 71.0
MUSCLE SHOALS CAA A	MAX	89 58	94 63	92 68	92 73	88 72	85 70	84 66	86 65	87 66	88 67	88 68	84 69	84 70	84 69	73 68	84	86 71	89 73	90 71	90 73	85 72	85 68	90 70	90 71	90	88 70	89 72	84 70	88	84 70	89	87.1 69.1
ONEONTA	MAX	85 51	89 55	93 65	94 65	93 66	95 66	95 65	88 65	85 62	85 60	85 65	88 67	80 67	86 69	86 66	82 66	88 68	90 67	90 66	90 67	92 67	91 68	90	90 65	93 66	90 67	86 67	87 68	84 67	90	80 65	88.4 65.2
OZARK	MAX	66	95 69	90 67	81 68	85 69	69	51 71	79 70	7 i 66	85 66	83 69	81 68	₹1 70	88 69	89 69	89	91 70	92 72	94 72	95 71	92	70	92	91 69	90 70	н7 70	H2 70	83 68	85 68	52 67		67.6 69.0
PRATTVILLE	MAX	95 58	96	92 67	91	89	84	88 71	87 73	88	90 67	83 69	82	88	81 70	88	90 1	92 70	92	94 71	95 72	94 69	93	93 73	94 70	94	88 72	89 70	82 72	87 75	79 68	91 68	89.3 69 4
PUSHMATABA	MAX	88 55	92 59	92	90 65	88	90 68	85 70	85 66	85 65	87 68	84 70	84 69	81 20	89 71	84	83 72	88 71	85 69	89 73	91 72	93 70	94	94	92 6 4	90	85 70	85 62	85 68	85 69	83 71	85 71	87 5 65 1
ROBERTSDALE 7 E	MAX	93	90	86 67	81 70	85	87 ·	83 76	86 70	82 67	87 65	82 69	78 68	85 71	84 72	87 72	87	87 72	89 i	90 76	90 73	91 66	92	90 70	86 70	87 71	88	78 72	84	86	86	89	86.3 69 7
ROCK MILLS	MAX	93 52	96 54	91 62	94 67	92	91 70	85 67	87 68	88	87 61	85 68	84 68	84 67	84 66	88	91 68	89 70	93 68	94 68	94 68	92 69	92 66	90 68	90	91 66	90 68	87	85 70	89 71	86		89.4 66 4
SAINT BERNARD	MAX	83 54	88 56	92 65	92 65	92 68	93 68	83 66	86 63	86	87 60	88 61	88 67	84 66	87 68	84 65	75 66	89	88	91 71	93 66	92 67	88	87 66	88 65	90 66	90 67	83	87	79 65	87	81 66	87.1 65 4
SAND MIN STA FRM AP	MAX	86 53	89	88 67	88	89 69	82	84 65	85 62	86 61	85 62	85 63	77 67	81 66	76 66		84	83 67	86 67	67	68	68	67	68	66	86	68	68	68	69	68	69	65 9
SCOTTSBORO	MAX	89 53	93 58	93 62	93 68	92 69	85 69	88 65	89 58	88	89 68	88 65		85 68	85 68	75 69	89 69	91 67	91 70	93 67	93	87 65	89 67	88 65		91 65	83 68	87 69	87 67	88 67	88 66		88.3 65.9
SELMA	MAX	95 59	98 62	93 68	94 69	91 70	90 71	90 70	88 70	91 65	93 67	88	85 69	90	88 71		93 71	91 70	95 71	95 73	96 74	96 72	95 70	95 71	95 70	94	92 71	90 73	79 71	88 72	81 70	92 69	91.4 69.5
SPRING HILL	MAX	93 69	93 69	85 69	86 69	.84 73	86 72	84 71	82 70	86 69	84 68	88 71	78 69	77 70	82 73	81 74			90 71	87 74	92 74	88 75			92 67	90 73	88 73	85 71	82 70		90 70		86.1 71.0
TALLADEGA	MAX	89 51	93 55	90 65	91 66	89 68	87 68	88 70	87 68	88 61	88 62	88 67	82 68	86 68	84 68	85 68	88 69	88 68	90 68	92 67	93 69	91 68	90 68		89 66	89	84 70	87 70	83	87 69	79 69	88 69	87.7 66.8
THOMASVILLE	MAX	93 65	96 65	94 65	89 67	86 70	87 68	85 70	85 70	87 65	89 66	86 68	78 68	87 69	85 71	88 70	90 73	88 70	92 70	93 72	93 72	94 71	92 67		94 70	90	88 70	88 70	82 68	84 71	87 68		88.8 69.0
TROY	MAX	93 65	93 69	93 67	92 68	92 70	89 70	90	87 69		82 66	86 68	82 66	83 66	82 69	85 70	87 70	88 70	89 72	92 72	94 74	93 70	94 70	93 70	94 70	93 70	92 70	91 71	82 69	85 70	88	78 66	88.6 69.1
TUSCALOOSA CAA APT	MAX	91 54	96 59	95 65	95 67	93 69	88 69	89	89	89 67	90 65	87 70	84	89	86 70	86 69	92 71	91 71	94	94 71	95 69	95 70	92	95 70	96 70	94	91 71	91 72	83 69	88 72	85 70	91 69	90.8
TUSKEGEE	MAX	89	93	95 67	95 70	94 71	92 70	92 73	87 72	85 63	85 66	85 68	83 67	78 67	79 68	84 69	89 71	89	90 71	90 72	92	91 70	91 70	91 74	91	92 69	92 70	90 72	86 70	81 71	87	79 68	88.3 69.3
UNION SPRINGS	MAX	93 60	93 64	92 65	92 67	87 69	86 68	87 69	83 67	84 62	87 65	83 66	83	81 69	84 68	87 67	87 67	89 68	92 69	94 70	91 70	94 68	95 68	94 68	92 68	95 68	88 68	84 68	83 67	89 68	77 66	91 64	88.3 67.0
UNIVERSITY	MAX	90 57	94	94 68	93 70	90	86 69	87 69	86 68	87 67	90 67	86 70	82 70	87 70	83 69	84 69	88 70	90 71	92 72	94 73	95 71	94 72	91 70	92 71	93 71	92 70	89 71	88 71	79 70	84 71	81 69	90 69	88 7 69.3
VALLEY HEAD	MAX	86 48	90 54	90 63	90 63	90 59	88 68	86 64	84 64	84 65	85 64	85 66	85 67	84 67	81 64	81 65	83 64	85 66	87 66	91 68	90 63	84 68	90 65	91 63	91 64	91 66	82 66	85 67	87 66	87 65	86 63	82 69	86.5 64.2
WETUMPKA	MAX MIN	94	96 61	92 69	92 69	92	87	90 72	88 71	90 65	88 68	82 70	83	82 70	82 71	87 70	88 74	90 71		94	95 75	95 72		93 73	93 71		90 72		80 71	86 71	75 70		88.9 70.3

EVAPORATION AND WIND

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ABBEVILLE ADDISON ADDISON CENTRAL TOWER ALBERTA ALBERTA ALBERTALLE 1 8 ALEXANDER CITY 6 NE ALICEVILLE ANNALUSIA ANNALUSIA ANNALUSIA ANNALUSIA ANNALUSIA	0008 HENRY 0063 WINSTON 0071 LAWRENCE 0140 WILCOX 0148 MARSHALL 0163 TALLAPOOSA 0178 PICKENS 0252 COVINGTON 0272 CALHOUN 0338 WINSTON	4 31 34 85 15 2 34 13 87 10 2 34 25 87 19 1 32 14 87 25 12 34 16 86 13 11 32 59 85 52 13 33 08 88 10 6 31 19 86 30 7 33 35 85 61 2 34 04 87 13	MID PALMER GODSEY 1500 7A U.S.F.S. 8A SIDMEY J.RARDY, SR. 1114 10A 10A PAT M. COURINGTON 10A PAT M. COURINGTON 7A HOSIE PHILLIPS 346 8A 8A WM. M. GARRETT 599 MID MID CAA	3 4 3 4 3 5 2 3 5 2 3 5 2 3 5 2 3 5 2 3 5	LOCK NO 17 MADISOW MAGELLA MAGGOLIA MAGHOLIA MARHOW 1 SEE MARIOW JUNCTION MARIOW JUNCTION MARIOW JUNCTION 2 WE MARTIW DAM MAXWELL FIELD MELVIN MELVIN	4855 TUSCALOOSA 4976 MADISON 4996 JEFFERSON 5004 MARRINGO 5108 PERRY 5116 DALLAS 5121 DALLAS 5121 DALLAS 5202 MONTGOMERY 5354 CHOCTAW	2 33 29 87 20 280 12 34 42 86 45 573 3 33 30 86 51 654 1 32 08 87 39 185 3 32 37 87 18 20 3 32 26 87 14 204 3 32 28 87 13 200 11 32 40 85 53 340 1 3 2 25 86 23 165 1 31 31 56 88 27	7A U. S. EMGIMEERS 3 3 7A 7A RORERT E. TRUE 2 3 5 6A ALABAMA POWER CO. 3 4 6 6 MID DR. T. B. GAILLAND 3 4 6 6 MES MAGARET MILTS 3 5 6 69 ALA POLY. INST. 2 3 5 6A ALABAMA POWER CO. 3 MID NID U. S. ABMY ARR FORCES 2 3 5 7A JOHR E. LAMD 3
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SELGREEN DELLE MINA 2 M BERRY BEXAR 2 SE BILLINGSLEY BIRNINGHAN WB AIRPORT DIRNINGHAN WB CITY BISBOP BOAZ BIRNINGHAN WB CITY BISBOP BOAZ	0631 FRANKLIN 0655 LIMESTONE 0748 FAYETTE 0790 MARION 0823 AUTAUGA 0831 JEFFERSON 0836 JEFFERSON 0836 COLBERT 0957 MARSHALL 1069 CRENSHAW	12 34 28 87 52 12 34 42 86 54 2 33 40 87 36 13 34 12 88 09 1 32 40 86 43 2 33 34 86 45 2 33 32 86 50 12 34 39 88 05 2 34 13 86 16	690 10 17 ALA POLY. INST. 452 MID MISS CLARA R. OLIVE MID MISS CLARA R. OLIVE 7A LEONARD C. WELDON 610 MID MID U.S. WEATHER BUREAL 694 59 59 MIS. CARIFE B. HORTON 7A TVA-42 7A MILPORD H. DOOLEY	3 4 3 2 3 4 5	MONTGOMERY WB CITY MOULTON MUSCLE SHOALS CAA AP MEW DROCKTON HEW BORD NEW MARKET HEWTON OKEOWTA GRAVILLE OZARK	5555 MONTGOMERY 5625 LAWRENCE 5749 COLBERT 5842 COPFRE 5847 FRANKLIN 5862 MADISON 5875 DALE 6121 BLOUTT 6161 DALLAS 6218 DALE	1 32 23 86 18 201 12 34 29 87 17 630 12 34 44 87 36 540 5 31 23 85 56 450 12 34 29 87 35 660 12 34 54 86 26 725 5 31 20 85 37 216 2 33 57 86 30 857 1 32 18 87 14 200 5 31 23 85 39 400	MID E. EARL BOYETT 3 4 7A TVA-644 3 7A TVA-624 3 1A FURN MYNN 3 7A 7A L. E. SELLERS 2 3 5 6A EDWARD B. WARREN 3
BREWTON 3 MILES SSE BRIDGEPORT 2 W BRUNDIOGE CALERA CAMDEN CAMPBELL CAMP HILL 2 N CARBON HILL CENTER GROVE CENTREVILLE	1084 ESCAMBIA 1099 JACKSON 1178 PIKE 1288 SHELBY 1300 WILCOX 1315 CLARKE 1324 TALLAPOOSA 1377 WALKER 1492 WORGAN 1520 BIBB	6 31 04 87 03 12 34 56 85 44 5 31 43 85 49 7 33 06 86 45 13 25 08 83 39 12 33 55 87 59 12 34 23 63 38 32 57 87 08	680 5P MISS N.LOUISE JONES	3 3 3 2 3 5	PAINT ROCK PALMERDALE PENNINGTON LOCK 2 PERRYVILLE PETERMAN PICKENSVILLE PINE HILL PINE LEVEL PLANTERSVILLE PLENSANT GROVE SCHOOL	6226 JACKSON 6246 JEFFERSON 6335 CHACTAN 6362 PERRY 6370 MONROE 6414 PICKENS 6460 WILCOX 6468 MONTGOMERY 6508 DALLAS 6521 JACKSON	12 34 40 86 20 610 3 33 44 86 39 13 32 08 88 02 20 3 32 37 87 08 1 31 35 87 16 13 33 13 88 16 16 13 33 13 88 16 16 6 32 04 86 04 1 32 39 86 56 240 12 34 57/85 55 633	7A C. W. ADAMS 3 7A O. E. BARNES 3
CRATOM CHILDERSBURG CHIRONELLE CLANTON CLAYTON COFFEE SPRINGS COLLINSVILLE COLUMBIA GORDOVA CUBA	1566 WASHINGTON 1615 TALLADEGA 1685 MOBILE 1694 CHILTON 1725 CARRGUN 1807 GENEVA 1849 DE KALB 1865 HOUSTON 1940 WALERR 2079 SUMTER	13 31 28 88 15 7 33 17 86 21 9 31 05 88 14 7 32 51 86 38 5 21 53 25 27 5 31 10 85 55 7 34 15 85 66 2 33 46 87 11 13 32 26 88 23	480 6A ALABAMA POWER CO. 331 pp 6P B. D. JOWES 590 7A 7A HUGH M. SIMPSON 290 5A EDWARE P. TOPE 255 6P HAS J. WIRGLL BYNUM 734 734 NRS. S. CUNNINGEAM 8A COY THOMPSON 334 5P 8A MRS. C. GRESHAM	2 3 5 2 3 5 2 3 5 2 3 5 2 3 5 2 3 5 3 5	PLEASANT HILL PRATTYILLS PRIMMCOSE FARM PUSHMATAHA REF BAY REFORM RIVER FALLS RIVER FALLS 2 ME ROBERTSDALE 7 E ROCK MILLS	6526 DALLAS 6640 AUTADGA 6684 MONTGOMERY 6719 CHOCTAW 6805 FRANKLIN 6847, PICKENS 6937 COVINGTON 6842 COVINGTON 6842 COVINGTON 6848 BALDWIN 7025 RANDOLPH	1 32 10 86 55 1 32 28 86 28 28 11 1 32 20 86 15 180 13 32 12 88 21 12 34 27 88 09 627 13 33 23 88 01 242 6 31 23 86 33 9 30 33 87 48 130 4 33 09 85 18 745	NOON W. E. SLSBERRY 3 8A 8A MRS. JANIE C. BROWN 2 3 7A TYA 493 2 7A WILLIAM T. AMBROSE 3 7A JOHN R. BRADLEY 3 MID ALABAMA ELECTRIC 3 4 6 P C RABL BOSECK 2 3 5
DADEVILLE NO 2 DANCY DANCY LLE NO 2 DANCY LLE DATON DECATUR DECATUR NO 4 DECATUR SUBSTATION DECATUR SUBSTATION DECATUR ALARMONICALOCK 4 DOTEAN CAA AIRPORT	2119 TALLAPOOSA 2124 TALLAPOOSA 2141 PICKENS 2149 MORGAN 2188 MARENGO 2207 MORGAN 2216 MORGAN 2221 MORGAN 2221 MORGAN 2240 MARENGO 2372 HOUSTON	11 32 50 85 45 11 32 50 85 46 13 33 01 88 17 12 34 25 87 04 13 32 21 87 39 12 34 37 86 59 12 34 37 86 59 12 34 37 86 59 12 34 37 86 59 12 34 36 58 58 13 32 21 87 51 5 31 15 85 27	207	3 4 3 3 4 3 3 5 2 3 5 3 5 3 3 2 3 4 5	SAINT BERNARD SAND MITH. STATE FARM AP SAYRE. SCOTTSBORD SUBSTATION SKALE 7 WHW SKALE 7 WHW SKEMA SHEFFIELD TVA NRSY SHOMAKER SPRINGS GLOCOME	7157 CULLMAN 7207 DE KALB 7282 JEFFERSON 7304 JACKSON 7310 JACKSON 7328 RUSSELL 7366 DALLAS 7415 COLBERT 7460 LIMESTONE 7576 GENEVA	2 34 12 86 47 802 12 34 17 85 58 1195 2 33 43 86 58 304 12 34 41 86 02 660 4 32 18 85 17 388 1 32 25 87 00 147 12 34 46 87 42 505 2 34 51 87 12 610 5 31 06 85 35	7A DORA R. WEBSTER 3 6P 6P MRS. KINZIE BOBO 2 3 5 7A TWA-76A 3 8A B. G. BUSH 3 6P 7A JOHN O. RHODES 2 3 5
ELBA ELROD SUPAULA SUPAULA SUPAULA EVENDREEN EVENGREEN EVENGREEN FAIRHOPE FAIRLOS FALKEVILLE FALLS CITY 6 NW	2577 COPFEE 2632 TUSCALOOSA 2727 BARBOUR 2742 GREENE 2758 CONSCUB 2613 BALDWIN 2632 COVINGTON 2640 MORGAN 2848 WINSTON	10 31 25 86 04 13 33 15 87 48 4 31 53 85 08 2 32 47 87 50 6 31 26 86 58 6 31 25 87 02 9 30 32 87 55 9 31 06 86 33 12 34 22 86 55 2 34 04 87 20	254 PS &A BARRY E MAUGANS 114 76 E B HOLGROOK 240 340 8A &AMRS JESSYE D.GOLSON 257 MID MID CAA 23 MID 5P HAROLD F. TATES 620 7A TVA-384	2 3 4 5 6	SNOW HILL SOUTH HILL SOUTH HILL SUTTLE SWAIM SYLACAUGA SYLVANTA TALLADEGA TALLADEGA HORN MTN.TWR THOMASVILLE	7620 WILCOX 7671 DE KALB 7733 WOBILE 7963 PERRY 7968 JACKSON 7994 TALLADEGA 8012 DE KALB 8024 TALLADEGA 8178 CLARKE	1 32 00 87 01 228 12 34 24 86 02 990 9 30 42 88 10 175 3 32 32 87 11 145 12 34 53 86 13 548 12 34 53 86 13 548 12 34 34 85 49 1400 7 33 26 86 06 554 7 33 18 86 04 1919 13 31 55 87 45 385	7A, WRS., EVA B., RAY 3 7A, TVA-75 3 98 9A, HAMGLIN B., TIPPIMS 2 3 7A, JV. F., SUTTLE, R. 3 7A, JV. F., SUTTLE, R. 3 8A, ALABAMA POWER CO. 3 7A, TVA-386 96 9C, D., WANGER 2 3 96 9C, D., WANGER 2 3 97 9A, MAS., MINNIE DEATOM 2 2 95
FARLEY FATETIE FLAT BOCK FLORENCE AT LOCK FORT DEPOSIT FORT MORGAN FORT PAYNE FRISCO CITY GAUSDEN GAUMESVILLE	2867 MADISON 2883 FAYETTE 2945 JACKSON 2976 LAUDERDALE 3024 LOWNDES 3035 BALDWIN 3043 DE KALB 3105 MONROE 3151 ETOWAH 3160 SUMTER	12 34 36 86 34 13 33 41 87 50 12 34 46 85 41 12 34 47 87 40 6 31 59 86 35 9 30 14 88 01 7 34 26 85 43 8 31 26 87 24 7 34 01 86 00 13 32 49 88 09	359 8A 8A LOIS V.KILLINGSWORT	3 4 3 3 4 5 3 4 5	THORSBY 1 SW THURLOW DAM TIBBLE 2 S TONEY TRAFFORD TROY TUSCALOOSA CAA AP TUSCALOOSA LOCK & DAM TUSKEGE UNION SPRINGS	8204 CHILTON 8215 ELMORE 9223 WASHINGTON 8259 MADISON 8285 JEFFERSON 8323 PIKE 8380 TUSCALOOSA 8385 TUSCALOOSA 8388 MACON 8438 BULLOCK	1 32 54 86 44 13 31 20 88 15 226 12 34 54 86 44 750 2 33 49 86 44 490 10 31 49 85 58 590 2 33 14 87 37 170 2 33 13 87 35 132 11 32 24 85 42 459 6 32 08 85 44 485	MID MID CAA 2 3 4 5 7A U. S. ENGINEERS 3 8A 8A PROF. M. L. LANIER 2 3 5
GARDEN CITY CENEYA GONDWATER GONGAS GREENSBORO GREENVILLE CREENVILLE NO 2 GULF SHORES 2 SSE GUNTERSVILLE CITY WTR GUNTERSVILLE DAM	3200 CULLMAN 3255 GENSVA 3399 COOSA 3430 WALKER 3511 BALE 3519 BUTLER 3524 BUTLER 3529 BALDWIN 3578 WARSHALL 3583 MARSHALL	2 34 00 86 44 5 31 02 85 52 7 33 04 86 03 2 33 39 87 13 2 32 42 87 36 6 31 50 86 38 6 31 50 86 38 9 30 16 87 40 12 34 22 86 17 12 34 26 86 24	107 7A 7A REBECCA CAMPSELL 1326 7A 7A C. PURVIS CONAWAY 300	3 4 2 3 5 2 3 5 2 3 5 2 3 5 3 4 3 4 3 4	UNIONTOWN UNIVERSITY VALLEY HEAD VANCE VERNON WADLEY WALLACE WAINUT GROVE WATERLOO WEST BLOCTON	8446 PERRY 8454 TUSCALOOSA 8469 DE KALE 8477 LAMAR 8605 RANDOLPH 8637 ESCAMBIA 3648 ETOWAH 8686 LAUDERDALE 8809 BIBB	1 32 27 87 31 273 2 33 12 87 33 325 7 34 34 85 36 1031 3 33 10 87 13 13 33 45 88 07 180 11 33 08 85 34 640 6 31 13 87 13 165 2 34 04 86 19 850 12 34 55 88 04 445 3 33 07 87 07	7A MRS.FRANCES MARTIN 3 MIN DID R, F. M. MITCIELL 2 3 4 5 89 84 MRS. CARRIE RIKEY 2 3 5 7A WM. F. VANCE 3 3 6 6A ALBARAM POWER CO. 3 7A RILET.C. PETTIS 3 7A MRS.FURERNCE PARTER 3 6P J. BLLIE THREET 3 7A RIVERT M. BEARDEN 3
HALEYVILLE HAMILTON HARTISDURG 6 SE. HAYNEVILLE HELENA HIGELAND HOME HIGHTOWER HORDES HUNTSVILLE SUBSTATION HUNTSVILLE	3620 WINSTON 3644 MARION 3697 PERRY 3748 LOWNDES 3783 SERLEY 3816 CRENSHAW 3842 CLEBURNE 3899 PRANKLIN 4060 MADISON	1 2 34 14 87 38 13 34 08 87 59 3 32 48 87 11 1 32 11 86 35 3 33 18 86 51 6 31 57 86 19 11 33 32 85 24 13 34 20 87 56 12 34 43 86 35 12 34 42 86 35	498	2 3 4 5 3 3 3 3 2 3 5 3 3 5 3 3 5	WETUMPEA WHATLEY WHRELER DAM WHITFIELD LOCK 3 WILSON DAM WINFIELD 2 SW YATES ETDRO PLANT YOUNGS STORE NEW STATIONS	8859 ELMORE 8867 CLARKE 8875 LAWRENCE 8925 CHOCTAW 8980 COLBERT 9998 PAYETTE 9103 ELMORE 9350 LAUDEEDALE	7 32 32 86 12 205 13 31 39 87 43 170 12 34 47 87 21 50 13 32 17 88 01 30 12 34 48 87 37 53 13 33 56 87 49 468 11 32 34 85 54 335 12 34 57 87 54 840	69 64 MSS. D. R. HHITAKER 2 3 5 7A LEVANAD L. COLEMAN 3 7A TVA-52 7A TVA-52 3 6A TVA-471 5 7A W. W. COTHETY 3 6A IALAHAMA POWER CO. 3 7A TWA-621 3
HYTOP JACKSON LOCK 1 JACKSON SHOALS JACKSONVILLE JORDAN DAM LA PATETTE LAY DAM LEESBURG LIRCOLM	4099 JACKSON 4192 CLARKE 4198 TALLADEGA 4209 CALHOUN 4306 ELMORE 4502 CHAMBERS 4603 COOSA 4619 JEFFERSON 4627 CHEROKEE 4734 TALLADEGA	12 34 54 86 05 13 31 33 88 01 7 33 32 86 12 7 33 49 85 45 7 32 37 86 15 11 32 54 85 24 7 32 58 86 31 3 33 36 86 33 7 34 11 85 46 7 33 37 86 07	10 7a U. S. ENGINEERS 5 5 5 6 ALABAMA POWER CO. MID FLOY E. OWEN 6 ALABAMA POWER CO. 6 ALABAMA POWER CO. 6 ALABAMA POWER CO. 6 ALABAMA POWER CO. 8 AMES MARY K. LEE	3 4 3 4 3 5 3 4 3 3 4 3 3 4 3 3 4 3 3 4 3 3 4 3 3 4 3 3 5 5 5	HEADLAND WIDOWS CREEK STM PLT	3761 HEMRY 8936 JACKSON	5 31 21 85 20 12 34 53 85 45 612	7P 7P ALA. POLY. INST. , 2 3 5 7A TVA-704A 3 4
LIVINGSTON LOCKHART \$ 1-ALABAMA; 2-BI	4798 SUMTER 4822 COVINGTON LACK WARRIOR; 3-	13 32 35 88 11 9 31 01 86 22 CARABA; 4-CHATTA	L 160 6P 6P PROF.E.J. MURPHEY 290 8A 8A R. C. YOUNG AHOOCHEE; 5-CHOCTAWHATCHEE; 6-	2 3 5 2 3 5 CONECUH; 7-CO	NOSA; 8-ESCAMBIA; 9-GUI	LP; 10-PEA; 1	1-TALLAPOOSA: 12-TEN	CESSEE; 13-TOMBIGBEE

REPERENCE NOTES The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

toleus otherwise indicated, dimensional units used in this bulletin are: Temperatures in 'F, precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 4 are from recording gages. Traces are not sho

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5 and 6 are for the 24 hours ending (: time of observation. See the Station Index for observation time.

- No record in Tables 3, 4, 6, and the Station Index, No record in Tables 2 and 5 is indicated by no entry. Then hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.

 And also on a later date or dates.

 Asount included to following measurement, time distribution unknown.

 Gage is equipped with a windshield.

 Adjunted to a full month.

 Water equivalent of smootfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new smootfall.

 One or more days of record missing; see Table 5 for detailed daily record.

 Daily values and smootfall votal from recording gage. All other data in Table 3 are from non-recording gages.

 Trace, an amount too small to measure.

Subscription Price: 15 cents per copy, monthly and annual; \$1.50 per year. (Tearly subscription includes the Annual Summary.) Checks, postal notes and momey orders should be made psyable to the Treasurer of the United States. Remittances and correspondence regarding subscriptions should be sent to the Westber Records Processing Center, 430 Post Office Duilding, Chattanoogs 2, Tennesses.

U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary
WEATHER BUREAU

F. W. REICHELDERFER, Chief



ALABAMA

AUGUST 1950 Volume LVI No. 8



ALABAMA - AUGUST 1950

A. R. Long, Section Director - Montgomery

WEATHER SUMMARY

Despite a long dry spell over nearly half the State during the first 24 days, temperatures this August averaged nearly 2° lower than normal. There were no particularly high temperatures during the month. Exceptionally cool nights occurred at most stations around the 4th to the 8th and again from the 21st to the 24th. Monthly minima in many northern localities were near 50° or slightly lower.

Light scattered showers were reported in the north and central portions during the first two days, and there were more scattered showers, mostly in the north, from the 8th to the 11th. A period of widely scattered showers extended from the 14th to the 20th, but during this period showers occurred nearly everywhere in the north on the 15th. Another period of scattered showers was from the 25th to the 29th. On the 30th and 31st, a gulf storm moved northward through West Alabama and general rain, with mostly heavy accumulations, occurred over the entire State.

The distribution of precipitation during the first 24 days was such that, over the south central interior portion and in the extreme southeast, little effective rain occurred, and a serious drought was beginning to develop. In much of Montgomery and Lowndes Counties, rainfall during the first 28 days ranged from only a trace to a very small fraction of an inch for the entire period. This was the longest period on record for the Montgomery station during August with such a small accumulation of precipitation (0.04 inch). This record is remarkable since the season of scattered summer thundershowers normally runs through most of August.

Since there were heavy rains near the end of July, not much serious damage was done by the long period of ineffective rains in the south central and extreme northeast portion of the State during August. The dry weather was at least favorable for drying hay, and pasturage and most field crops were enabled to recover after the scattered showers during the last week and the general heavy rain on the 30-31st. Much corn was blown down over the southwestern two-thirds of the State by the tropical storm on the 30th, and many pecans were blown from the trees. Since a considerable portion of the corn crop is normally hogged down, the percentage of damage due to rotting on the ground before gathering is not likely to be great.

There were no floods in the larger streams during August.

LIGHTNING

Five people were killed by lightning on the 16th. Near Hartselle, two members of a family were killed while taking refuge from a thundersquall in a storm cellar. Property damage was about \$100. At Brilliant, two men were killed when they got under a pine tree to get out of a shower. At Greensboro, another man was killed when lightning struck a tree near a car shed under which he was standing during a shower.

THUNDERSQUALL

Two filling stations and a store were damaged, and several trees uprooted, by a thundersquall on Moffatt Road, in the out-skirts of Mobile, on the 16th. Damage amounted to about \$500.

HURRICANI

The hurricane on the afternoon and evening of the 30th moved inland, with the center passing about 20 miles east of Mobile. By the morning of the 31st, the disturbance was centered in extreme Northwest Mississippi, where it was, of course, much weakened.

Considerable roof and miscellaneous light damage was done to houses and other buildings in Monroe County. The wind was progressively lighter eastward and northward, so that no damage was done in the eastern border counties and in the extreme northeast

Some slight damage was done to most houses in Frisco City, Monroe County, but property losses were slight farther south, except along the beach areas. The following paragraphs are from the report of the Official in Charge of the Weather Bureau Office at Mobile:

There was no damage reported in the immediate vicinity of Mobile. Some oyster houses were demolished at Cedar Point and on Dauphin Island; this apparently being the only destruction on the east side of the strom track. Tides in Mobile Bay had remained well above normal for several days preceding the storm but the highest reached was only 4 feet above normal and this occurred after danger from storm winds had passed.

The Gulf Shores and Orange Beach areas of Baldwin County reported rather heavy damage from wind and tides. Many property owners reported damaged roofs while shifting sands in the resort area piled up in the lower floors of buildings not on pilings. All wharves in this area were destroyed. There was some damage to pecan orchards and crops in the section of Baldwin County east of the storm center. Estimated damage in the Baldwin County area is \$100,000.00. This may be increased when the full effect on ground crops and pecan orchards is learned. Approximately 50 pleasure and fishing boats are moored in this area. With adequate warning all of these boats were removed to places of safety and, so far as is known, not one was damaged.

The limit of the area in which roof damage occurred included the southwestern fourth of the State. Uprooted trees occurred over an area including about one half of the remainder of the State and extended to within 30 to 60 miles of the Georgia lime in the east, and to the Tennessee lime in the northwest corner of the State.

Although far inland from the coast, damage in the Birmingham area was estimated at \$150,000.00 when falling trees broke down power and communication lines and did considerable roof and other building damage. Three fourths of the city was without electricity for from 8 to 24 hours.

Property damage for the State as a whole was probably about \$500.000.00, not including the undetermined amount of crop losses.

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Rydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

- 108 -

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SUPPLEMENTAL DATA

ALABAMA AUGUST 1950

																				6081 1850
	Wind	direction		Wind m.	speed p. h.		Relati	ve hum:		rages -		Numi	ber of da	ays with	precip	itation			98 61	
Station	Prevailing	ercent of	Average	r ustest vulle	of osternile	iste of strates in the strate of the strate	12:30 m	# 0E - 9	12:30 p	6130 p	11408	60'-10	64:0:	66	(+)-1.99	Or over	19.	Percent of	Average vev cover	Degree days
ANNISTON WB AP	NE	16	5.1	_	-	-	-	-	-		3	3	3	0	2	0	11	-	_	See Table 2
BIRMINGHAM WB AP	E	10	5.6	45	SE	31	87	90	54	62	2	5	2	1	1	1	12	50	5.7	11
MOBILE WB CITY	NE†	12†	8.1†	40	NE	30	8 9†	881	55†	74†	2	3	4	1	1	1	12	66	4.2	**
MONTGOMERY WB CITY	ншф	8†	5.5¢	35	3	31	84†	87†	50†	62†	1	3	0	0	2	0	6	79	3.7	1

COMPARATIVE DATA

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				w.			_										
		Temperature	9	Precipi	itation			l'emperature		Precipi	itation			Temperature		Precipi	tation
Year	Average	Highest	Lowest	Average	No. of days	Year	Average	Highest	Lowest	Average	No. of days	Year	Average	Higbest	Lowest	Avetage	No. of days
1884 1885 1886 1887 1888	78.3 79.7 79.5 79.8 79.3	102 102 103 102	52 56 56 59 52	2.29 3.79 4.35 2.83 7.37	6 11 10 5	1909 1910 1911 1912 1913	81.0 79.6 79.1 79.2 80.5	108 102 102 100 103	54 54 54 49 52	3.30 2.67 4.95 5.69 2.57	8 7 11 11 6	1934 1935 1936 1937 1938	80.9 81.5 80.9 80.9 81.6	104 107 103 103 106	59 51 51 62 58	5.97 5.11 5.76 5.04 3.89	12 11 9 12 7
1889 1890 1891 1892 1893	77.4 77.5 78.5 78.7 79.2	97 97 102 100 100	51 50 44 56 50	3.27 4.46 2.73 6.21 5.00	9 9 6 14 9	1914 1915 1916 1917 1918	78.9 78.9 79.9 78.1 80.6	105 105 104 101 105	59 49 51 46 50	6.52 5.07 3.60 6.17 3.50	13 10 8 11 6	1939 1940 1941 1942 1943	78.6 80.5 80.8 78.7 82.2	99 102 101 101 109	53 52 52 53 54	10.59 2.93 5.29 6.43 3.64	13 8 11 12 7
1894 1895 1896 1897 1898	78.7 80.1 82.2 78.9 78.8	103 100 106 106 106	54 45 50 53 59	6.91 5.23 2.35 5.61 7.51	12 12 6 10 14	1919 1920 1921 1922 1923	79.2 77.6 80.5 78.9 78.9	103 98 105 101 98	51 52 53 52 51	7.54 6.82 4.38 3.27 6.28	12 13 10 8 12	1944 1945 1946 1947 1948	79.6 80.3 78.4 81.2 79.3	101 102 100 105 103	58 50 45 60 52	6 42 3 06 4.87 3.68 3.77	12 7 8 10 8
1899 1900 1901 1902 1903	81.3 81.7 78.7 82.2 80.6	103 105 104 107 101	58 62 54 52 53	3.71 2.94 8.47 3.54 3.64	8 4 12 8 9	1924 1925 1926 1927 1928	81.9 80.8 80.6 78.5 80.9	104 107 101 100 100	52 51 58 48 57	2.87 -1.52 f.90 3.54 4.55	6 4 13 8 11	1949 1950 Period	79.6 77.8 79.7	99 100	57 46	4.61 5.27 4.73	
1904 1905 1906 1907	78.4 79.3 80.6 80.6	101 102 102 104	55 54 55 53	5.62 5.28 3.65 3.47	12 12 10 8	1929 1930 1931 1932	80.2 79.5 77.9 80.8	102 108 102 102	50 50 47 58	2.10 3.50 4.63 5.36	5 7 9						

14010-2	1			Tempe	erature									Precipitation	on			20001	ST 1950
						1 ·	100	No. c	of days					Snow	, Sleet, Ha	il	No	of da	ys
Station	Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground at obsn.	Date	.01 or more	.25 or more	1.00 or more
NORTHERN DIVISION				-								1							
ALBERTVILLE 1 S ANNISTON WB AIRPORT BELLE MINA 2 N BIRMINGRAM WB APT BIRMINGRAM WB CITY	75.2M 76.0 74.5M 76.7 78.5	- 3.0 - 1.7 7	90 93 93 93 96	1+ 13 17 17 24	53 54 50 54 58	4 4 23 23 24+	0 0 0	7 13 18	0 0 0 0	4.21 3.51 6.94 5.49 6.40	20 54 1.23 2.14	1.33 1.26 2.75 2.69 2.30	31 15 29 29 30	.0	0 0 0 0		9 8 9 10 10	5 4 8 3 4	2 2 2 2 2 3
CORDOVA DECATUR FAVETTE GADSDEN GOODWATER	76.0M 76.3 75.1 76.1 76.9	- 3.4 - 3.0 - 3.2 - 2.4	94 93 95 93 93	14+ 17 15 13+ 25	57 51 51 57	23 23 23 23	0	16 3 14 13 10	0 0 0 0	7.74 9.36 8.35 2.24 3.36	3.41 5.45 4.11 - 2.32 - 2.13	2.87 2.41 2.41 .47 1.58	30 29 31 30 31	.0	0 0 0 0		7 12 13 12 8	6 8 7 4 3	2 4 3 0 1
HALEYVILLE HUNTSVILLE MADISON MUSCLE SHOALS CAA AP ONEONTA	73.1 75.5 76.3M 75.6 46.8	- 2.9 - 3.3 - 1.2	89 91 92 95 94	14+ 1+ 18 12 16	54 52 55 50	22 23 23 4+	0	0 4 6 8 18	0 0 0 0	6.10 6.57 5.45 8.10 3.65	2.66 1.66 4.24 ~ 1.69	2.55 2.54 1.44 2.76 1.46	31 31 29 31 31	.0	0 0 0 0		8 11 11 10 6	5 6 7 9 4	2 2 3 3 2
ROCK MILLS SAINT BERNARD SAND MTN STA FRM AP SCOTTSBORO TALLADEGA	76.6 74.9 72.5M 75.3 75.3	- 2.5 - 2.1 - 4.2	96 92 92 95	13 17+ 12 16+	54 49 83 53 46	23 4 4 23	0 0 0	20 8 11 15	0 0 0 0	2.93 5.78 5.30 6.39 2.40	- 2.28 1.12 2.25 - 2.31	1.25 2.63 1.45 2.10 1.18	31 30 31 26 31	.0	0 0 0 0		8 11 13 19 6	4 5 5 7 3	1 2 2 2 1
TUSCALOOSA CAA APT UMIVERSITY VALLEY HEAD	78.4 78.1 74.0M	- 2.6 - 2.9 - 2.7	97 98 90	15 15 17	56 58 48	23 23 23	0	18 17 1	0 0	6.61 5.28	2.33	2.14	31 31	.0	0		12 12	8	2 2
DIVISION	75.8		ļ		ı	l				5.55									
MIDDLE DIVISION																			
ALEXANDER CTY 6 NE AUBURN CAMDEN CAMP HILL 2 NW CENTREVILLE	75.2M 77.8 80.0	- 1.6	95 97 95	25 24 13+	55 59 60	4+ 5 5	0	15 27 19	0 0 0	3.58 2.32 3.22 2.69 3.89	- 2.53	1.81 1.68 2.25 1.60 2.15	31 31 31 31 31	.0	0 0 0 0		9 9 7 6 7	3 2 3 3	1 1 1 1 2
CLANTON DATTON EUFAULA GREENVILLE HIGHLAND HOME	77.6 79.3M 79.6 78.9 78.4	- 2.3 4 - 1.6 - 1.3	93 98 100 95 96	25 22 12 14+ 25	58 58 59 60	23 5 5 5	0 0 0	13 22 20 16	0 0 0	7.26 3.01 4.29 3.85 3.74	2.72 - 1.01 - 1.57 - 1.06	2.57 2.10 2.10 3.38 2.15	26 31 31 31 31	.0	0 0 0 0		8 11 8 4 6	5 1 5 2 3	3 1 1 1
LA FAYETTE LIVINGSTON MAXWELL FIELD MONTGOMERY WB APT MONTGOMERY WB CITY	76.6 78.7 80.9 79.7 79.9	- 2.0	95 95 95 96 95	24+ 15 18+ 13+ 24	58 60 64 61 64	7 5 5 5	0 0 0 0	13 19 25 26 18	0 0 0 0	4.03 4.03 2.75 3.06 2.35	.41	1.57 2.09 1.31 1.83 1.26	31 31 30 30 30	.0	0 0 0 0		6 11 3 5	4 4 2 2 2 2	2 1 2 1 2
PRATTVILLE PUSHMATAHA SELMA THOMASVILLE TROY	78.8 78.1 80.8 79.1 78.7M	9 - 2.0 4 - 1.5 - 1.8	94 92 98 97 94	13+ 2+ 14+ 24 12+	61 60 63 62	5 7 5 5 5	0 0	20 13 28 21 20	0 0 0 0	2.91 2.75 3.21 6.30 6.72	- 2.43 - 1.77 - 1.36 1.53 1.43	2.10 1.57 1.88 3.23 4.40	31 31 31 31 31	.0	0 0 0 0		4 3 7 4 6	3 3 3 4	1 1 3 1
TUSEEGEE UNION SPRINGS WETUMPKA	79.0 78.0 79.4M	- 1.8 - 2.4 - 1.8	98 96 95	28 24 14	61 59 62	5+ 5 5+	0	19 22	0 0	2.75 4.11 3.34	- 1.46 82 - 1.39	1.78 2.22 1.93	31 31 31	.0	0		8 4 4	2 4 3	1 1 1
DIVISION	78.8		1	1.	1	1			1	3.75									
SOUTHERN DIVISION																			
ANDALUSIA ATMORE STATE FARM BAY MINETTE BREWTON 3 SSE CHATOM	79.6 81.1M 80.0 79.6 78.8	4 - 1.0	95 96 97 98	14+ 14+ 14 15	62 62 62 59	5 10 5 7	0 0 0	22 22 26 25	0 0 0	7.62 7.12 9.09 6.86 5.95	2.95 .65	4.52	31 31 31	.0	0 0 0 0		6 7 10 6 9	5 4 5	2 2 2
CITRONELLE DOTRAN CAA AIRPORT EVERGEREN CAA APT FAIRHOPE FORT MORGAN	80.0 80.2 78.5 80.1 81.9	- 1.0 - 2.3 6	95 98 97 97 95	15 13+ 24 14 14	68 63 57 65 70	5+ 5 5 5 19+	0 0 0 0	18 27 24 25 14	0 0 0	8.93 5.17 5.13 8.11 11.48	2.43 26 .20 .88	2.94 2.08 3.04 4.36 8.70	16 30 30 31 30	.0	0 0 0 0		9 8 8 10 7	6 5 3 4 6	4 2 1 2 1
FRISCO CITY GENEVA HEADLAND LOCKHART MOBILE WB AIRPORT	80.0 79.9 79.5 79.7 80.7		97 99 97 96 96	15+ 13+ 24 25 15	62 61 61 61 68	5 5+ 5 7 5+	0	28 30 22 19 24	0 0 0 0	3.94 6.25 11.62 8.78 8.61	- 1.56 1.26	2.95 4.94 4.55 5.42 3.98	31 31 18 31 30	.0	0 0 0 0		5 7 8 9	4 3 7 5 6	1 1 3 2 2 2
MOBILE WB CITY OZARK ROBERTSDALE 7 E SPRING BILL	81.5 79.7 79.4 81.2M	6 9	96 96 94	2 24 2+	69 63 65	6+ 5 10	0	20 22 19	0 0 0	6.56 4.44 7.42 10.10	36 - 1.13 04 2.93	3.73 3.50 4.04	30 31 31	.0 .0 .0	0 0 0 0		10 5 12 9	5 4 8	3 1 4
DIVISION	80.1	1.0				1			1	7.54	40								
STATE	77.8	- 1.9		Α		1				5.22	.49								

Table 3													_							*												
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	- 6	1	2	3	4	5	6	. ?	8	9	10	11	12	13	. 14	15	16	17	18	19	20 2	22	23	24	25	26	27	28	29	30	31	Total
ABBEVILLE ADDISON I ADDISON CNTRL TOWER ALBERTA ALBERTYLLLS 1 8	Q Q		26	42 05							1 55		36	36	.08	1.90	46	.15		. 36	. 66				.04	. 02 . 07 . 49	.06	. 09		1.59	3.45	8.89 6.47 5.01
ALEXAN, ER CTY 6 NE ALICEVILLE ANDALUSIA ANNI, TON "B AIRPORT ARLEY		7.5	44	12						Т			.52		т	08	.03(.64	.08	95	.12				1.08 .12	.10		.28		. 60	1.81 2.73 4.53	4.21 3.58 4.20 7.62
ASHLAND //F	t	75	.06	0.3							.25	75				72	.04		.72	.04						. 04	.17		1.28		1.08	3.51 7.50
ATHENS ATHORE STATE FARM ATMORE STATE PARM				22 81							3.32	28			.03	. 02	.51	.20 33 .53	.55	.07					.40	.16 1.14	.10		.93	1.68	1.53 1.12 1.74 5.15	3.62 4.24 8.75 7.12 6.66
AUBURN SCS 10 R AUBURN SCS 10 R AUTAUGAVILLE BARTON BAY MINETTE		02		98 77						. 55	.15						08	.02	T	. 23	. 10				.10	.05	.29	T	. 02	.70	1.68	2.32
BATRICE BLGREEN A			37	- ()								(19	[1		.96	22		.08				. 03	.41		2.77		1.10		1.48	7.78 9.09
MELLE MINA 2 N MERRY R MEXAR 2 SE R			65	57					0.4	. 68	1.05				. 02!	.39	.35		.25	1	1				1.67 .20 .12	. 86	. 03		2.12 2.75 2.48	. 13 3		2.97 10.35 6.94 9.36
ILLINGSLEY IRMINGHAM WB APT R			09	58					04	. 88						. 84	25	т				1 1	1		. 92	.67	1.35	. 06	1.21	. 47 1	.90	6.36
IRMINGHAM WB CITY ISHOP OAZ			21 05	01 17 39					,	.01° T	.01 T .45	06			1	. 03 1	.05		11	T .20					1.50	.63 1.13 .85 .37		.01	2.69 .06 1.45	. 16 1 2 . 30 1 . 22 1 1 . 05 1	.70 .98 .35	5.49 6.40 7.48 4.54
QAZ RANTLY REWYON 3 SSE			10												.03	1.09	1	.10	.18	.02	. 76				.37	.11	. 36,	.22	.92	.11 1	.90	4.51
RIDGEPORT 2 W RUNDIDGE		04 05	33							.32	.27				.30	.21	. 04	29	.28		.06 T				1	.22	. 79	.41 .26 T		.57 4	. 52	6.86 4.20 6.82
ALERA AMDEN AMPBELL R AMP BILL 2 NW		20			98				1							. 39	42	. 10	. 32						.04	.40	. 92		.28	.59 2	.24	4.82
ARBON HILL		40 01		60								. 15		1		.20	.30								.05	. 62	.13	1	1.70	1.05 .30 1	. 60	3.35 2.69 7.52
BILDERSBURG	-	23	. 02	65	1					T	. 39	I	T	1	.46	. 31	.80	T .28	7	.97					.50 1	.26	1.10		. 58	.03 2	. 15	5.14 3.89
ITRONELLE LANTON		.14	L	05 52						T				T			.05	.51	1	46					.47	.48		т		.31 1	.95	5.95 2.20 8.93
DEFEE SPRINGS			09	30						. 93	. 88		.31			.02		.02	. 10		.20				2	.57 1 .10	. 03	.30		.79, 2 1.20 1	.30	7.26 5.41 6.70
DLUMBIA DRDOVA		14 51	0.5	317							0.0	.27				.27 1 T			r 1	.96	.22 T				.08	. 18	.40	.87	.07	.85	. 92	8.21
JBA ADEVILLE NO 2 R		14	J9	19 25					1	Т	.23	02	.01	1	T		.13	.33 1	. 95	.14	.34)					. 49	. 30 . 18 . 18	. 44	1.80	.87 2	.06	7.74 5.63 2.69
INCY INVILLE				3 29						.01	.48	2.1				. 08]	.08	. 04	.39					.41				.99, 1	.06	.81, 1	10	2.99 3.69
AYTON CCATUR CCATUR NO 4			06.	12 64 70							.68 1.14 1.08	21 1				.31 1	. 10		05	.07					.05		. 17 . 15	.22	.83	.77 2 .04 2 .46	.50 14 .10 .96	0.46 3.01 9.36
MOPOLIS LOCK 4				61 25							1.08	0.7			.02	. 40 2	.15			T						.11	. 06	2	. 15		30 79	9.69 8.83
THAN CAA AIRPORT HAN CAA AIRPORT R BA ROU				28						1	, 76	.00		. 03		1	r	.03 7	35	. 27	T 03	. 02		. 13 . 13		. 68 r . 05	.07	.32	.41 2	.08 1.	52 50	4.49 5.17 4.84 8.25
TAW LOCK NO 7 TAW LOCK NO 7 R	1	1			. 05													. 05	38		. 30 т					.07	т ,	. 96	. 34	.98 3. .03 2.	10	7.97 4.29
ERGREEN 'AA APT				,)	.09												17	-	05	-	T				.13	. 65 . 92	.02 .	. 15	.04 3	.04 .	66 :	5,13
LCO 5 NE I KVILLE LL : CITY 6 NW				45						1	. 22			.50	18	.041 .	56 2	. 28	1.	. 14					.80			10	3		06 9	9.83
LL. (ITY 6 NW RLEV YETTE	O	4		bf.						. 19	.11	. 57				52 10 11 1.	69									50 45 60 26	.40	1.	.60 1	.72 2. .79 . .83 2.	05 5	5.99
AT ROCK ORENCE AT LOCK RT DEPOSIT	0.		50	- 1 -25					1	, 09 . 39	.08		1	. 03	.16		57	.50 .		18	26				.37 .	93 .		2.	.41	.05 .	52 5	5.08
RT MORGAN RT MORGAN , R					64				1										02	50	26 04 04				. 60 . 60	16		35: .	.20 .65 8.	2	33 4 11	1,98
RT PAYNE RT PAYNE LS O LIY		1 '	94	Eu						. 10 . 08 T					.13	17i . 65	72	43	34	33 . 24	32				.37 .	12 1.	19 .	46 07 1.	02		60 6 72 5	. 54
Dola to	1	1 4)6	.,9							.60	19	01	1		281 .:	30		06 .	20 . 02	04				· T	. 8.	27 02: T			03 2.5 47 .6 02 1.5	16 2	.24
RDEN 17: RDEN 17: H			1							.20	.50	07	7	Г		13		32 . (02		09				.08 .	45	63	2.	03	00 1.1	39 4	. 60 82
DDWATER RGA	37			59						13	.34	28	.04	1	1	T	20	32 .0 25 .2	14							85 .	63 .: 06 42	24	06 3.	01 4.1 1.1 15 3.2	94 6 58 3 22 8	.25 .36 .72
RENVILLE NO 2 R	11)			16	3.7										1		7	12		53	. 03				. 37	34			12	97 1.3	14 3	.85
STERSVILLE REC R STERSVILLE DAM		7	4	68								02		02	.29 .	46 26 1.7	28	1	0 .	53 01 03						33 .	01		71 .	61 2.5 32 .9 91 .4	3	.46 .36 .24
ATT TE R ATT TE		0	6	3						24	. 14				.51	24 57	15	. 0	14	05					.50 .	34 02 36	. 6	2.0 60 1.3	00 74 63 1.	43 2.5 19 1.6 35 2.0	8 10	. 43
MI S	79			9 m					1		.21	15	03	1			1.	08 4.5	5					30		T	93 .4	T 13 . (04 3	15 .8	6 1. 4 11	62
MINORES 6.		0	4	12							68		65			1.8	151	24	.2	27	1				. 8	7 18 .8	T 90	. 1	19	39 2.2 55 2.1 02 1.1	8 5. 5 3. 0 4.	. 03 . 74 . 43
TSSS SEE THE CANADA			9	1 .		03				47 .	52 41			1	02	.0	16			1	31		T			0 7		1.0	00' ,4	18 2.4 02; .5 01 2.5	5 12.	05
k cx fox k t k x ox y t		. 8	6	7.1					12		83			1	05	52 2	13	33 .0		. 1	5		T		- 1	1.2		2 . 1	.2	127	0 4 5 3.	87 55
Kaca Hoa v Kacar	32 04		3								10 T				т	1 .1	3	3			10				1.2 .0	5 .0	2 .2	6	.2	13 .11	7: 3. 5: 2.	32 79
MAN AM FAIRTE FDAM		-	Q.	1									11)			0		30	0						13 .7 .0 67 1.2	4 .1			.0	2.00	7 2. 9 2 7 4.	58 90 03
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ALABAMA AUGUST 1950

able 3—Continued																		- 42-									-	-			AUGU	7
Station	H	1	2	3	4	5	6	7	8	9	10	11	12	13	14	T.	16 I	7	18	19	20 2	22	2	3 2	4 2	25 2	6	27	28	29	30 3	1
AY DAM JEEDS JEESBURG JVINGSTON OCKHART	R	.14	.15	.14							Γ 17	T 05	15	02	14	. 45	45	22	T 65 1.18	06 1 11 10	43					12	59. 05 15 27 80	30 24	26 05	09 10 50	2.10 1	95
OCK NO 17 ADISON AGELLA AGNOLIA ARION 1 SSE	R	.03		. 35							.05	.23 .02 .14 .64			.41		1.00 .12 .25	. 86		. 02						. 08	37 1	. 15	09 . 85	1 44	1 69 2. 94 1.	55 63
ARION 1 SSE ARION JUNCTION ARTIN DAM AXWELL PIELD ELVIN	R	.01	.14	. 20								T	. 22	. 16	. 07	.20	T .74		. 05							. 10 1	27 07	.52	.07	. 04	31 1. 2. 1.31 1. 14 1.	55 29 29
IDWAY ILLERS FERRY ILSTEAD ITCHELL DAM OBILE WB AIRPORT	R		. 05	. 10								.23		.10		.01	.67	T.48	.35	. 15		12			1	15 21 1 40 2	00 .47	.82 .27 .46	т	18 32 1 30 .04 03	80 1. 3. T 2 1	33
OBILE WB CITY ONTE SANO ONTEVALLO ONTGOMERY WB APT ONTGOMERY WB CITY	R R	45 T	T .01	.01						.10	. 65	Т	man or comments and	.17		.85	.37 .85 .10 T		.54	. 17	Т					07 01	. 00	. 09	т	82 18	76 45 2.	96
OULTON USCLE SHOALS CAA A EW BROCKTON EWBURG EW MARKET	R	.25	. 15	. 26						. 30	.03 T .80				. 82	. 73 . 90	.59 .21 .09	1.00								21	. 16 . 34 . 06 . 59	.02 2	.71	1 22 1 09 1 68 85	09 2 35 2 2 82 1 17 2 50	76 54
ENTON 2 NW NEONTA RRVILLE ZARK AINT ROCK	R	-	. 50	. 08						. 65	.21	. 58			. 40		.85	-	.27	.25						.81	. 34		, 34	25 .40	32 2 1 20 1 + 3 1 08 3 1 14	46 : 92
ALMERDALE ENNINGTON LOCK 2 ERRYVILLE ETERMAN ICKENSVILLE	R	. 11	. 09	. 02	-		-	-		T	~		. 04	-	-	-	.85 .91 .36	. 14	1.13	.29	.07				05	. 68	. 14	.07	.15	. 54	2 90 1 0 04 1 1 2 2 2 1 2 15 1	54 37 56
INE HILL INE LEVEL LANTERSVILLE LEASANT GROVE SCH LEASANT HILL	R		.23	.30					Т	. 01	1,65		.22		.20	. 25	.30	. 35		. 05						. 21	20 1 48	.40 .16 .40 .36	. 32	65	3.5 20 1 5 25 5 62 1 5	85 3 85 4
RATTVILLE RIMROSE PARM JSHMATAHA ED BAY EFORM			. 42	T 1.00						. 49	1.23					.04	.60 1.15	.87	. 19	.58 .31					1.	.25!	20	.29	.40	35 1 81 43	42 2 1 T 2 3 1 3 54 2 0	27 2 57 2
IVER FALLS IVER FALLS 2 NE DBERTSDALE 7 E DCK MILLS AINT BERNARD	R	. 05	1	1.07						.07	. 23	. 18		T .02		.03	.43 .77 .04	T . 10	.53	. 07 . 04 . 27	. 18	14				33 07	17 75 07	20 16	.24	25	.41 3 3 2.36 1 3 • 5 3 03 1 3 2 63 1.1	10 5 11 5 25 2
ND MTN STA FRM AP YRE COTTSBORO OTTSBORO SUBSTA LWA		T .04	1.10	.06 .10 .86 .14						.10	.23 .38 .43	.02		.17	.17 .06 .60	. 83	.03 .21 .05 .09	. 05	.08	.55 .15 .01	. 02					14 1 05 2	11 1	.29.	.04	10 06 10 03 T		05 4 55 6 44 6
REPPIELD TVA NRSY HOEMAKER SPRINGS LOCOMB HOW HILL DUTH HILL		. 10	. 62	. 37						.09	.40				.32	. 57	.95 .92 .73	1	. 59	, 18					91	85 1. 54 1	65 12 08 42	. 16	04	71 2 56 20 10	39 3.0 .09 1 4 35 5 4 17 2 0 34 1 6	45 10 47 7
PRING HILL UTTLE VAIM VLACAUGA VLVANIA		. 39	.61	1.61	. 53					. 15	.84	.11	.30	.20	.12	.23	.24	.04	. 05	1,10 .32	. 08						26 91 03 63	.43 1 40 17 19	. 50	40	. 16 1 8 47 7 75 6	45 10 86 3 70 6 02 1 56 5
NLLADEGA HOMASVILLE HORSBY I SW HURLOW DAM DNEY	R	. 09	. 13	. 52						. 50	. 03	1	1	, 17,	.01	.64	.04									04	41 15 1 81 04	. 70	.30	40 1 00 1 57	12 1 1 22 3 2 91 1 5 03 1.9 02 1 1	23 6 59 4 99 3
RAFFORD RAFFORD ROY ROY USCALOOSA CAA APT	R		. 08							. 07	.10				т	.94	. 68	.68	.92	. 12	. 12					.05	04 54	. 45	.30	•	1.95 1 1 2 39 1 1 4 4 2.47 2 (41 2 1	10 3 40 6 06 6
USCALOOSA LCK DAM USKEGEE NION SPRINGS NIONTOWN NIVERSITY		.04 T	.40	.35						.13	. 08		т	. 03		1.15	1.28				.02 .83 06					20	10 14 03	.07 .60 .66 .20	.03 .05	. 04 02 . 16 . 45	1 68 2.6 1 7 2.2 2 1 50 1.7	78 2 22 4 10 3
NIVERSITY ALLEY HEAD ANCE ERNON ADLEY	R R	-	.37	. 99	-	-	-	-	-	1.36	.05	-	-	-	-	.20	1.12	.09	-	-	- -			-			03 47	.47	.04 .85	48	47 1 6 	67 70 7
ALLACE ALMUT GROVE ATERLOO EST BLOCTON ETUMPKA			. 02	. 20						. 58	. 05	1.73	. 12				.41 .25	.42	.18	.30	.11		:	34 1.	64	60 21 .	18	. 29	. 73	. 41	.27 2.4	65 5 42 6
HATLEY HEELER DAM HITFIELD LOCK 3 IDOWS CREEK STM PLT ILSON DAM		. 31	. 29	.23					2.	. 03	1.96	-		. 07	. 22	.27	1.12	. 89	. 60	. 14	.96					09 1. 27 30 1.	26 18	. 08	. 01	.84 18 47 .94	01 2.9 45 1.8 1.1 05 3 77 1.6	80 8 14 2 33 4
INFIELD 2 SW ATES HYDRO PLANT	1			1.05						.02	.17	-	-		1	. 50	.44	. 02									87	02	2	34 :	1.14 2 1	19 8

Table 4							HC	DUR	LY	PF	REC	IPI	TAT	IOI	4										A	LABAMA
Photo						A	М. Н	our end	ling									P.	M. Ho	ur end	ing			A	UGUS	T 1950
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
ASHLAND AUBURN SCS 10 BIRMINGHAM WB APT EUTAW LOCK NO 7 FLAT ROCK FORT PAYME HUNTSVILLE JACKSONVILLE MUSCLE SHOALS CAA A TOMEY WIDOWS CREEK STM PLT	6	-	-	-				. 02	dec		-	on vib	-ls	.01	.01	.13	.03	.03		. 25		-	.07	-	-	.02 .07 .09
SELGREN BERRY BEXAR 2 SE BOAZ DADEVILLE NO 2 FLAT ROCK FORT PAYNE GARDEN CITY GUNTERSYILLE REC RALEYVILLE LAY DAM MARION 1 SSE MIDWAY MOULTON MUSCLE SHOALS CAA A PAINT ROCK FORT PAYNE FOR	6												.10	.12	.03	.01 ° .30 .32 .01 .05 .05	.01 .44 .01	.01 .01 .36 .44 .07 .20	.01 .02 .02 .02 .05 .12 .05	.01 .02 .17 .01	.11 .02	.01	.03	.01	.01	.26 .06 .37 .66 .04 .40 .59 .50 .59 .11 .73 .06 .12 .15 .14 .05 .13 .95 .08
ASHLAND // FLAT ROCK AOBILE WB AIRPORT AOBILE WB CITY		.11 .01 .07						.02					-3d		.07		*	.14	.04	.18		.03	.01	. 04		.03
FORT MORGAN // MOBILE WB AIRPORT	6	. 01		. 02	55	. 05	01						-5t]			i			i			}				. 63
BEXAR 2 SF WACKSON LOCK 1			* mod	-	~	-	-	-				.11	 -8t	h-							. 02	. 02				.04
AINT ROCK ONEY	6			.01	.06 12		.01	.01	•	.10	.01	•	. 08	.13	0	0.		.01	. 42	.10	.02	.01	.01	.03	.01	. 68 . 88 . 01 . 09 . 08 . 22 . 08 . 30
RAPPORD USCALOOSA CAA APT NIVERSITY ERNON IDOWS CREFK STM PLT	6		٠	٠	.10	.05	.02	.07	. 10	. 09	. 05		·lOtl	h-				.02	. 02			.02	. 08	. 04	. 00	.17 1.36 .30
AINT ROCK ONEY RAFFORD	6	01	.01	.01	. 17	.02		.27	01	.01	.01	.18			. 28	. 99	. 02	.01								1.55 1.30 .01 .08 .50 .02 .34 .03 .21 .03 .07
IRMINGRAM WB APT ACROLIA OBILE WB AIRPORT UTAW LOCK NO 7	6				02					-	_		-11th 12th	1-				. 50		. 27		_				.12

Table 4-Continued	-		A. M. H	our endin		-		 		-	P.	M. Ho	ur end	ing					LABAMA T 1950
Station	1 2	3 4	5 6	7	8 9	10	11 12	2 1 2	3	4	5	6	7	8	9	10	; 11	12	Total
ADDISON FLAT ROCK GUNTERSVILLE REC LAY DAM MOBILE WB AIRPORT MOBILE WB CITY TONEY WIDOWS CREEK STM PLT	1		7				-]	3th- .02 4th-		*	.36	*	.10	06		. 01			36 .03 .02 .02 .02
ADDISON BELGREEN BOAZ FLAT ROCK FORT PAYNE GUNTERSYLLE REC LAY DAN PAINT ROCK TONEY WIDOWS CREEK STM PLT		01	.01	ľ	.01	. 27	.07 .02 14 .0 .01	.03	.10				*	*	ak	*		*	.08 .02 .03 .16 .13 .02 .40 .01
ADDISON ANNISTON WB AIRPORT ASHLAND BELGREY BERRY BERAR 2 SE 31RMINGHAM WB APT BOAZ DADEVILLE NO 2 FORT PAYNE GARDEN CITY GUNTERSVILLE REC		01	59 .01 .14 .01	. [. 67 , 01	1 1		5th- .01	*	63	* .02 * .01	.01	1.12 .13 .12 .01 .02 * .01	. 21 . 03 . 31 *	,05 ,08 ,64 *	01	.09	.01	1 .07
HALEYVILLE JACKSONVILLE LAY DAM MARION 1 SSE MONTGOMERY WB APT MOULTON MUSCLE SHOALS CAA A 6 PAINT ROCK THORSBY 1 SW TONEY TRAFFORD TUSCALOOSA CAA APT VERNON WIDOWS CREFK STM PLT					* *	The state of the s	* *	* * . 24	.15 * .38 * * .63	.02	.02	.02	.10	.30 * * .07	.05	* * *	.05	.01	.24 .12 .04 .20 .73 * .64 .35 .03
ABBEVILLE ADDISON ASHLAND ATMORE STATE FARM CAMPBELL DADEVILLE NO 2 EVERGREEN CAA APT JACKSON LOCK 1 LAY DAN MOBILE WB AIRPORT MUSCLE SHOALS CAA A 6 MEW BROCKTON PAINT ROCK PETERMAN RIVER FALLS 2 NE THORSBY 1 SW	48		01	.04		.02	-1	6th- .33 .01 .40 .09 * .19 .01 .53 .04 72 .04	.02	* .01 * .01 * .01 .02	* .01 * .01	*	.06	.01	No.	*	*	*	.33 .02 .04 .29 .42 .08 .22 .45 .37 .59 .85 .91 .77 .04
TROY TUSCALOOSA CAA APT 6 UNIVERSITY	95				* *	*	: : -1	7th—						. 72	. 25	. 06	. 01	.08	68
ABBEVILLE ATMORE STATE FARM AUBURN SCS 10 BOAZ CAMPBELL EVERGREEN CAA APT 6 FLAT ROCK MAGNOLIA NEW BROCKTON RIVER FALLS 2 NE TROY UNIVERSITY	02						.10				. 21	.01	.14	. 04	.01 .01 .16 .24	.01 .65	.01	.01	15 53 10 10 39 .50 .86 1 00 .10 .95
ANNISTON WB AIRPORT 6 ASHLAND // BOAZ FLAT ROCK FORT PAYNE GUNTERSYLLE REC HALEYYLLE MOBILE WB AIRPORT 6 MOBILE WB AIRPORT 6					.04		-1	8th- .69 03	.10	* . 09	.02	. 68	.05	. 21	.04	. 01	*	. 02	72 18 58 34 10 04 37
ANNISTON WB AIRPORT 1UBURN SCS 10 BO1Z DOTHAN CAA AIRPORT EUTAW LOCK NO 7 FLAT ROCK FORT MORGAN FORT PAYNE GUNTERSVILLE REC	46	01 01	.48 .01	,	.02	. 24	—]· * *	9th- .04			. 30	ļ	. 23		1				23 .02 31 .03 .52 .24

Table 4-Continued							Н	JO	JR.	LY	PI	REC	CIP	ITA	TIO	N											ALAB
Station							А. М.	Hour	endi	ng									F	P. M. H	lour e	nding				A UC	SUST 1
		1	2	3	4	5		6	7	8	9	10	11	12	1	2	3	4	5	6		7 8	9	1	0	11 1	12
JACKSON LOCK 1 MAGNOLIA MAGNOLIA MAGNOLIA MAGNOLIA MAGNOLIA MAGNOLIA MOBILE WB AIRPORT MOBILE WB CITY REVER FALLS 2 NE TROY WIDOWS CREEK STM PLT	6											. 14			29	٠		. 0	I .0°	7 .0		03					
FORT MORGAN HOBILE WB AIRPORT	//6				. 0	1.0	1 .	02							Oth-							٠	6				
OBILE WB AIRPORT	6	. 01		٠		٠	٠		01						lst-									1			
OTHAN CAA AIRPORT		1						٠							th-					. 0	8 .0	4 .0	1				
BBEVILLE															5th-	-				. 0:	2 . 0	2					.
MORE STATE FARM BURN SCS 10 ELGREEN	//					. 2	4 .3	30 .	61	.07	.06		. 0	4° .01			. 34		. 01							01	
XAR 2 SE AZ MPBELL FAW LOCK NO 7							. ()1 .	01	. 01	. 23	. 03	. 0:	6 .02	.02	. 11	. 01									01 .(02 1.
ERGREEN CAA APT RT MORGAN RT PAYNE RDFN CITY EFNVILLE NO 2	//6			*		٠	٠		٠	*	.01	.01		*	. 20				•	•	.1		٠		۰	08 .(01
NTERSVILLE REC LEYVILLE CKSONVILLE Y DAM							O	3 ,		. 05	. 15		.05		.01	. 10.	. 20			. 0 !		2				. (01
GNOLIA RION 1 SSE DWAY BILE WB AIRPORT WTGOMERY WB APT	6 6									*			4		.04	.08	.09	. 02	. 01	. 01	3 .2	, 10 5 . 0					1.
TGOMERY WB CITY LTON CLE SHOALS CAA A BROCKTON NI ROCK	6		٠	4			ø		58	.13	. 29	.02	٠	٠	. 56					. 01			٠	٠	, (+)5	
TERMAN TASANT HILL VER FALLS 2 NE RRSBY 1 SW TEY												.02				. 02	1.05	. 62	. 20	. 01		5 . 23	3	. 4	9 .2	26 .0	1.
DY SCALOOSA CAA APT IVERSITY NON DOWS CREEK STM PLT	6									. 01	.06		. 20	. 07	.02 .09 th—	. 05				. 04		* 3 .03	* .0:	3 . 0	9 .0	•	
DEVILLE JISON JISTON WB AIRPORT JORE STATE FARM		.02	. 01	. 01	. 01	.01								-20	02	*		٠			. 02						:
GURN SCS 10 GREEN MINGHAM WB APT AW LOCK NO 7			*	.15				. 6	0			.02		. 02	. 03	. 18	.04	. 01			4.3	. 05					
RGREEN CAA APT T PAYNE DEN CITY TERSVILLE REC EYVILLE	6	.02											. 05	. 05	0	. 07	9	. 01	*		.90	•	*		. 0	3	2 .1
KSON LOCK 1 KSONVILLE DAM ION 1 SSE		, 00								18	.04	.11	.12	. 02	.09	. 02	. 01	. 41	.91 .33			. 02					1.2
WAY ILE WB AIRPORT ILE WB CITY LTON CLE SHOALS CAA A	6	. 16	. 06			07		.0				۰	٠		.11	.12	*	٠	٠		1.65	. 57	. 04	٠	٠	٠	1.0
BROCKTON WT ROCK SWEEY 1 SW EY FFORD							. 04	. 0		04	.02	. 33	.01	32	.05				٠								. 0
TALOOSA CAA APT VERSITY	6	. 32											_	-27			.03	.06	۰	٠	.38						. 5
CVILLE STON WB AIRPORT ORE STATE FARM REEN BELL	6								٠		۰	. 03	٠	•	. 01		.02	.01	. 08	٠	. 04						.0
HAN CAA AIRPORT AW LOCK NO 7 REFEEN CAA APT F ROCK F PAYNE	6	.02	. 19	.12	0						. 08	•	0	٠				. 05	.02	.01	. 04			. 41	. 01	.16	
ION 1 SSE WAY ILE WB AIRPORT ILE WB CITY LTON	6	. 82																. 57	.17	.06	. 46	. 01	.35			. 33	. 5:
BROCKTON CALOOSA CAA APT	6																	. 01	.01	.06	. 02						. 01

ALABAMA AUGUST 1950

Table 4-Continued	-	-			***		- M 11		-			-														T 1950
Station				-			т	ur end	ī	r							-	1		ur end	-	1	1			Totai
UNIVERSITY		1	2	. 3	4	5	- 6	. 7	8	9	10	11	12	. 1	2	3	. 4	5	6	. 7 	8	9	10	.05	12	-
WIDOWS CREEK STM PLT		.02			, 21								20	41.			32						. 42	.03		. 47
ABBFVILLE													-28	tn-	•	07	. 02									. 09
ADDISON BELGREEN		1			I			i			I		. 01		. 37			03	.10			40	. 15	. 21	. 19 07	. 69 86
BERRY BEXAR 2 SE BIRMINGHAM WB APT		ŀ			I						1			.01										. 15	. 40	. 55
DOTHAN CAA AIRPORT EUTAW LOCK NO 7 EVFRGREFN CAA APT	6	.01			.01	.01	*		*	*	*	*	*	#	*	٠		06	* 14	. 04	.05	.01	01	*		. 31
FLAT ROCK FORT MORGAN	//	.03			1				*	*		*		*	.12	*	٠	*	٠	*		. 08	10		:	. 35
FORT PAYNE GREENVILLE NO 2 HALEYVILLE		1.06	. 01												. 03	02			01	04	.30	. 10	. 01	. 26	. 12	07 30 . 60
MAGNOLIA MOULTON																08	92	04	O.A.	02	52	1 02	.08	01	. 29	.09
MUSCLE SHOALS CAA A NEW BROCKTON PETERMAN	6								٠	*		*		.45	*	•	*	*	. 44	02 20		.05	01	٠	•	71
PLEASANT HILL TONEY	6	1.09						.08											09	.01		. 25	.07	.02		. 32
TUSCALOOSA CAA APT UNIVERSITY VERNON	0	.04					Ť														•	.05	•	. 03	. 16	. 04
WIDOWS CREEK STM PLT		1			1			. 01					-29	+h_												. 01
ABBEVILLE													-49	ш		0.5		.05	. 07							. 17
ADDISON ANNISTON WB AIRPORT ASHLAND	6	1 . 83	. 13		.06	. 04				. 01		. 01					04	. 02	. 06	18	.05	19	.13	. 08	*	1.83
ATMORE STATE FARM BELGREEN		.12			. 21	, 20	. 08	. 02			. 01	.02		1.23	06					. 03	09	. 07	03	.07		. 16
BERRY BEXAR 2 SE BIRMINGHAM WB APT		İ	. 05	. 32	. 23	.01	.07		. 02	. 01						.03		1 00	1 05	.01	.01 08 1.52	.12	.10	.03	.03	2.48 1 21 2.69
BOAZ CAMPBELL DOTHAN CAA AIRPORT		,													20	.01	. 02	01			. 02	. 56	. 18	.12		92 23
EVERGREEN CAA APT FLAT ROCK	6	.15				*	ú.	. 48							, 29 * . 60	02 *	05	.15	*	04	24		06	.11	. 03	2 41
FORT MORGAN FORT PAYNE GARDEN CITY	//		, 02	.01	. 01	.01				. 57	.01	. 09		.03		66	02	. 01			. 79	.07	. 21	. 03	. 01	73 1.02 2.03
GUNTERSVILLE RFC HALEYVILLE		. 22	.10	. 66	. 25	. 09	. 03	.04					. 12		07	03	.03				13	. 20	. 13	.08	. 08	.71
JACKSON LOCK 1 JACKSONVILLE MIDWAY		i															. 01	09	03	.01	. 01		. 01	.05	. 20	. 25 04 . 18
MOBILE WB AIRPORT MOBILE WB CITY	6	1							*	*	*	*	. 02	.01	* 29	.08	*	*	•	. 02						. 46
MONTGOMERY WB APT MONTGOMERY WB CITY MOULTON	6	.21	. 09	. 02	. 57	.05		. 04	.02						*	*	03	*	*	18		.10		. 07	. 05	. 03
MUSCLE SHOALS CAA A PAINT ROCK	6	.14	*	,05	*	. 02	*	. 40	*	*	*	*	*	.01	*	*	*	٠	. 03	56	*	.07	.01	.20	01	. 40
PETERMAN RIVER FALLS 2 NE THORSBY 1 SW		İ														29	. 01		, 40				. 53	. 01		. 30 . 40
TONEY TUSCALOOSA CAA APT UNIVERSITY	6	. 20	.19	.11	.08	.50 *	. 03	.08			F				*			*		. 01	* . 14	.06	.10	. 53	. 03	1 57
VERNON #IDOWS CREEK STM PLT		. 22	. 29	. 22	24	01	. 02	. 01			I	. 09	. 02		. 03		. 04	.03	. 01	,45	. 22	.19	.05	.04		2.02
												-	-30	th-												
ABBEVILLE ADDISON			. 01	.01		.01	. 01				1	.02	. 01				19	01		05	08	.12	.01	.20	.05	. 99
ANNISTON WB AIRPORT ASHLAND ATMORE STATE FARM	6	.02			.04	. 11						.01	, 04	, 22	. 82	. 06	03	24	13	.16	. 20	.60	. 01 . 58	.49		. 17 4 68
AUBURN SCS 10 BELGREEN BERRY																. 35	20			. 01	. 16	.03	05	.05	.10	. 70
BEXAR 2 SE BIRMINGHAM WB APT		!				. 01	. 01		.01												.01	.31	. 02	.06	.04	. 47
BOAZ CAMPBELL DADEVILLE NO 2			. 09	.01	0				. 01	. 01	. 01		. 03		01	03	04	02 29	.01	, 02	02 01	.16	. 20	.15	34 05	. 11 1. 05 . 81
DOTHAN CAA AIRPORT EVERGREEN CAA APT	6									٠	*		٠	0.5	*	* 38	. 08	. 04	* 08	14 .72	.39	. 26	* 37	.28	16	2 09
GARDEN CITY	//		. 63	.71	. 44	. 07	. 02	. 01	. 57	. 47	. 03	.02	. 37	. 28	75	20	33	33	. 10	20 01	28	1 18	4.5	04	01	8.83
GREENVILLE NO 2 GUNTERSVILLE REC		.01	. 27	. 04	. 01		0.0			.03					01	21	27	.03	05	0.5	35	. 01	.19	. 28	52 02	1.97
HALEYVILLE JACKSON LOCK 1 JACKSONVILLE		.01		. 01	.01		. 02	.01	. 02	.01				.01	01	10	0.3	.01	05	05	. 03	20	28	.06	. 39	1.23
LAY DAM MAGNOLIA MARION 1 SSE																02	03	.03	01	14 02 .01	03 01	.02	.04	.03	. 05	. 28 . 94 . 31
MIDWAY MOBILE WB AIRPORT	6		*		. *	*	4		*	*		*		1.16	*	.05	25	04		.01 1 01	03	07 •	08	.15	. 17	. 80
MOBILE WB CITY MONTGOMERY WB 1PT MONTGOMERY WB CITY	6				1		. 01	.08	. 16	.04	. 18	. 88	. 20	. 13	*	05	04	05 • 36	16	. 13	. 04	19	. 32	11	22	1.26
MOULTON AUSCLE SHOALS CAA A	6	.12	*	*		*	*	.05		1			1		* 11	* 40	* 02	* ()2	* 01	14	.14	54	* . 29	* 29	.70	. 09
NEW BROCKTON PAINT ROCK PETERMAN					. 08	.03							. 03	.05	21	14	02	04	0.5	10	. 05	13	03 35	. 52	. 52	. 14 2. 21 . 62
PLEASANC HILL RIVER FALLS 2 NE THORSBY 1 SW															26	. 26	03	.08	. 03 09 54	.01	.04	01 .04	14 19 .08	08 .42 .10	18 .90 .12	2.36
TRAFFORD			*	*	*		.02	٠		+		*	2.30			1.5	22	. 01	01	. 03	. 33		. 24	.18	1	. 02 2.39 2.47
TROY FUSCALOOSA CAA APT UNIVERSITY	6	1.31	*	*		4	*	.01		I			1			15	. 33	.01	. 03	.01	.04		*	.08	. 23	

ALABAMA AUGUST 1950

Station						A. 1	М. Но	ır end	ing									P.	M. Ho	ur end	ing					
			2	3	4	c	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
ERNON IDOWS CREEK STM PLT					4-1	01 05	.02						-						1		.04	. 01	.04	.05	. 09	1
		1											-31	st—												
BEVILLE			. 17	.86	. 53	.07	01		. 01					. 04												1
DISON NISTON WB AIRPORT	15	07	.13	.15	.19	.21	.95	.13					.02	.02												
HLAND	11	.01		. 22	. 41	.18		. 06		. 37				. 33											0.1	
MORE STATE FARM BURN SCS 10		.11		7.0	20	0.5																			.01	
LGREFN		.10		.10	. 20	.05	. 60	, 80	.07	.35	.90	.05		.05												
RRY		14		. 43	. 44	1.09	.30	.05		.02				.02	.01	. 01		.01	. 09	. 50	.10	. 02				
KAR 2 SE RMINGHAM WB APT		. 13		.18	. 22	. 44	.16	. 20	. 15	.01	.05	.01	.01	.01	.01				.02	.10	.03	.01				
AZ		. 0 /	. 20	. 19	18	43	.06	. 22		.03	.01	.02								.01						
MPBFLL NO. 2		. 25		.04	01	.03	.01		01		. 01	.02														
DEVILLE NO 2 FHAN CAA AIRPORT		09		. 34	. 01	.16	.04	.02	.01	.01																
TAW LOCK NO 7				+	. 01	+	.03	. 04		.10	-															
RGREEN CAA APT	6	2,72	0		4			.21							-											
T ROCK T MORGAN	11		03			. 22	.11	.06	.03	.03	.01		.04			.02										
T PAYNE			03		. 15	.16	. 18	. 09	.05	0.6	. 03															
DEN CITY		. 03		. 23	.30	.13	.07	.05	. 00	. 00	.03								. 09							
FNVILLE NO 2 TERSVILLE REC		1.05	. 24	01	0.0										. 01		. 01		. 00	.01					.01	
FYVILLE		.11	.12	.18	. 17	.14	02	. 04	.03		.12				0.1											
FSVILLF	ь	-	-	-		- 50	- 01	- 50	- 03	_	_	_	_	_	. 01	.01	. 03	.01	. 02						.01	
KSON LOCK t		06	. 05	. 04	. 02													-		_	-	-	-	-	-	
DAM		. 01	. 24	.10	. 18	. 13	.07	.02	.06																	
NOLIA		. 50	.77	.03	. 00	. 04	. 01																			
NAY SSE		.32	. 24	.60	.17				. 02																	1
ILE WB AIRPORT	6	1 60	.19	. 21	. 10	. 03	.04	.04		.09	. 47	. 19	.01													1
ILE WB CITY		.01	.01					.04																		
TEOMERY WB APT	6	1.38		4	4	9	0	.92																		
TGOMERY WB CITY		.25	. 44	.17	.02	. 22	. 28	10	20	0.0				.01												1
CLE SHOALS CAA A	6	.18		* 1	. 10	*	. 20 1	. 93	. 29	.02		4		02	.01					.16						2
BROCKTON		. 67	. 35	. 08		.01	.10	.20			. 05							*		.10		-			.07	1 1
NT ROCK ERMAN		. 46	. 04		. 17	.10	.17	. 04			.14	.15	.13												, 01	-
ASANT HILL		.30	. 42	.70	10	.02	.01	.02				.01			. 01		. 01	0.0								
ER FALLS 2 NE		. 95	.12	.01		.01		.01				. 0 %			. 01		. 01	.03								1
RSBY 1 SW FY		.24	. 34	. 35	1.0	. 53	.12	.01					1													i
FFORD		08	. 12	. 25	. 10	.20		.20		.10	.02	.01				.12								. 23	. 04	1
Y		. 54	. 69	. 60	. 05	.13	.05	. 00	. 0.0	,01																1 2
CALOOSA CAA APT VERSITY	6	. 47	*	+		4		.02		0	0		0	.03												2
NON		. 20		.40		.20	. 07	.02			. 01															1
OWS CREEK STM PLT				20		.03		.03															. 03		1	1

Table 5		-		-																											AU	GUST	1950
Station		-	2	3	4	5	6	7	8	9	10	11	12	13	14	Day 15	of mo	nth 17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	verage
ALBERTVILLE 1 S	MAX MX					80			87	82	85 69	83 75			85	89	86	89	89	90	86	82	83	85	90	81	81	88	897	86	-		85. 5
ALEXANDER CTY 6 NE] MAX	91	87	87	83	82	87 59	88 57	89	88	88 61	89			65	67	66	66	67	89	86	62 88	88	90	57 93	88	65 85	91	90	90	84	84	64.9 87.7
ANDALUSIA	MAX	92	92	93 69	88	88 62	87	89 66	90	90	91 65	93 65	93	94	95	95	94	94	92	92	63 92	61 88	58 88	55 90	56 91	63 94	65 92	91	90	67 89	87	85	62.6 90.9
ANNISTON WE AIRPORT	MAI	90	89	86 61	81 54	83 56	85 59	88 56	88 61	84	88 65	90	68 91 65	93	71 89 68	92	87	89	69 89	86	69 84	70 87	66 85	89	68 91	68 88	68 85	68 91	70 89	70 88	71 85	68 86	68.2 87.6
ATMORE STATE FARM	MAX	94	95	93	90 70	89	90	92	93	93 67	94	95 67	96	97	97	98 73	97	94	93	68 94	64	90	92	94	97	95	67 95	68	69 91	69 89	70 79	71 89	92.9
AUBURN	MAX	, 88		90	86	83	85 60	86	88	88 65	88	89	92	92	93	93	73 93 69	86 70	70 89	70 92 68	92	69 88	90	89	91	95	68 91	87	90	70 90	69 90	69 84	69.2 89.3
BAY MINETTE	MAX MXX	94	94 68	89 69	89	87 65	89 68	92 68	91 70	90 67	92 62	94	94 70	95 73	96 73	96 73	90 72	92	93 70	92 70	68 88 69	90	91 67	63 93	96	91	93	91	69 87	69 84	75	88	90.8
BELLE MINA 2 N	MAX		91 64	90	81 53	83 54	85 55	86 56	89 59	8 6 68	87 66	88 65	89 62	89 68	82 64	91 61	87	93 65	90 66	89 65	87 60	70 86 54	67 87 56	67 87 50	67 90 56	70 83 65	67 84 65	92	69 89	87	70 81	70	69,2 87,3
BIRMINGHAM WB APT	MAX		90 67	85 63	81 56	82 59	86 61	8 6 5 8	89 62	84 72	89 69	88 69	92 67	91 66	91 68	91	90	93 68	91 69	88 69	86 63	87	85 58	90 54	91 62	85 70	81 68	90 68	90 70	65 86 68	83 69	88	61.7 87.7
BIMINGHAM WB CITY	MAX		92	87	85 58	84	89 62	90 60	91 66	87 72	89 70	89 68	94	93	94 70	94 72	93 68	91 71	92	90	90	89 63	87 61	93	96 66	87 71	83 69	92	91	90 !	83 69		65.6 89.7 67.3
BREWTON 3 SSE	MAX	94	94 65	92 67	90 70	89 62	90 67	91 63	93 65	91 65	93 63	94 65	95 65	95 70	97 67	96 69	95 70	94 70	93	94	89	91 69	91 65	94 67	94	95 68	94 66	92 68	90	88	78 69	89 69	92.1 67.1
CAMDEN	MAX		92 67	90 72	91 68	92 60	92 68	91 71	91 66	89 64	91 68	93 67	95 70	96 70	96 68	95 70	93 74	94 69	93 70	94 70	87 68	91 66	91 63	92 68	97 69	95 62	92 67	94 67	92 68	91 67	80 70		92,0 68,0
CAMP HILL 2 NW	MAX	90	90 65	85 65	83 55	82 54	84 57	86 59	88 60	87 62	90 60	60					86	91	90	90		89	88	88	90	93	91	90	91	90			88.2
CENTREVILLE	MAX	89 70	88 68	93 69	90 66	85 62	88 66	89 63	90 67	89 70	90 70	90 71	89 72	95 74	95 75	95 73	95 70	90 70	95 67	94 70	90 68	88 70	91 66	88 57	90	93 65	92 68	88 71	89 75	91 72	91 72		90.5 68.6
CHATOM	MAX	93	93 66	90	90 66	88 61	90 65	92 59	92 63	91 68	92 63	95 66	95 66	97 70	96 66	98 69	96 70	96 65	92 66	91 68	86 67	89	90	93	95 61	95 61	93 64	93 65	91	81 69	83	89	91.8 65.8
CITRONELLE	MAX	92 74	92 71	87 70	88 70	87 68	88 68	90 69	88 71	86 70	90 69	92 70	93 70	94 73	94 73	95 74	90 70	91 69	90 71	90 72	85 70	87 69	88 68	90 70	93 70	93 72	91 70	91 69	88 71	87 71	75 71	86	89.4 70.5
CLANTON	MAX	90 72	91	92 71	88 60	84 59	84 63	87 60	88 62	89 67	88 67	90 67	89 69	92 68	92 70	91 70	91 70	90 70	91 68	90 69	90 67	89	88	88 58	88 60	93 64	88 68	89	88 69	88 70	87		88.8 66.3
CORDOVA	MAX MIN		92	85	85 58	87 59	88 58	88 56	90 55	89 59	88 69	91 66	93 66	92 66	94 65	92 67	90 68	94 68	92 67	87 67	85 65	85 60	85 54	89 58	94 65	90 66	83 69	88 70	94 64	92 65	92 50	84 54	89.4 62.6
DAYTON	MAX		92 69	88 71	84 67	83 62	87 62	89 62	92 62		90 68	91 70	93 69	93 70	94 70	96 72	92 70	95 69	92 69	90 69	86 67	88 64	98 62	90 63	96 61	94 70	93 67	95 67	93 70	91 77	82 71	87 71	90.9 67.7
DECATUR	MAX		88 72	81 67	79 61	83 61	84 63	86 62	89 63	84 72	84 69	87 68	89 69	92 71	86 69	89 70	84 69	93 70	89 71	83 70	82 65	81 63	81 60	85 57	89 63	80 71	80 68	88 70	86 70	87 67	83 69		85.4 67.2
DOTHAN CAA AIRPORT	MAX		95 68	90 69	89 66	89 63	91 69	91 65	90 65	90 64	96 64	96 66	97 68	98 72	97 70	95 70	90 70	92 69	94 70	96 71	91 70	91 70	93 65	95 65	98 65	94 67	94 69	95 69	91 70	90 70	81 70	79 71	92.3 68.1
EUPAULA	MAX		95 69	89 69	87 64	88 58	91 68	92 62	89 63	86 63	96 63	88 67	100 69	95 69	97 68	97 68	95 70	97 69	93 67	95 70	93 68	93 68	95 64	96 63	98 65	89 67	94 68	96 67	91 68	91 68	86 68	80 71	92,4 66.8
EVERGREEN CAA APT	MAX		92 64	88 66	87 64	86 57	90 67	92 61	91 62	90 62	93 62	94 64	96 65	96 68	96 67	96 68	94 70	94 66	94 68	93 67	88 68	91 67	90 61	93 60	97 60	95 66	95 66	91 67	91 67	89 68	77 70	89 71	91.6 65.4
FAIRHOPE	MAX		93 72	92 70	90 70	90 65	90 68	93 69	90 68	89 67	90 66	93 68	92 69	93 71	97 74	95 73	93 70	92 66	93 70	91 70	89 68	90 69	91 68	93 67	94 67	94 69	94 68	93 68	88 70	83 70	75 68	89 71	91.0 69.1
PAYETTE	MAX		92 62	90 63	87 55	83 58	84 58	88 54	89 56	91 66	86 67	87 64	92 63	93 64	92 64	95 66	91 66	92 64	92 65	90 64	86 61	86 58	85 53	86 51	89 58	91 61	76 64	84 61	90 68	90 67	87 67	81 68	88,2 62,0
FORT MORGAN	MAX		88 77	89 76	87 71	87 75	88 75	88 75	89 76	88 75	89 72	88 72	91 75	91 77	95 78	91 79	94 76	91 74	92 75	89 70	89 75	90 74	90 75	94 74	91 75	92 73	90 75	90 75	89 75	81 73	79 75		89.1 74.7
FRISCO CITY	MAX			94 69	90 68	90 62	88 68	90 65	92 67	91 65	92 65	91 66	94 68	96 68	96 68	97 71	96 72	95 67	93 69	93 70	94 67	88 67	91 65	90 65	96 68	97 66	95 66	93 68	92 69	91 69	92 70	76 69	92. 2 67. 7
GADSDEN	MAX			91 68	84 56	82 59	84 56.	86 54	88 58	91 62	86 65	89 65	90 64	93 64	92 66	88 65	91 67	90 65	92 67	93 66	88 62	86 62	86 57	86 51	89 54	92 64	86 65	88 66	93 67	91 68	89 69		88.8 63.3
GENEVA	MAX			95 66		92 61	91 62	92 62	93 65	92 62	92 63	93 65			98 68	98 68	97 68	97 67	95 67	92 68	95 67	92 67	93 63	95 63	95 61	99 65	95 65	97 67	94 68	94 70	92 69		93.9 65.8
GOODWATER	MAX		90 68		86 59	83 60	80 63	86 60	89 62	90 65	86 65	90 64	88 66	92 66	92 67	91 69	92 68	87 69	90 67	88 68	89 65	85 66	89 61	88 57	89 61	93 66	88 67	86 67	89 69	89 69	88 68		88.2 65.5
GREENVILLE	MAX			88 72	85 70	85 59	88 68	90 64	90 62	89 64	89 65	92 69	94 #9	93 72	95 7ñ	92 119	95 70	92 65	91 70	90 69	89 69	91 67	90 63	92 64	95 65	93 68	90 67	91 69	89 69	89 67	83 69		90.3 67.5
HALEYVILLE	MAX		85 66		76 55	81 58	82 58	87 58	85 60	83 62	831 65	86 63	88 65		89 66	89 66	85 65	89 66	85 65	80 65	81 58	80 56	791 54	84 55	8 6 60	82 64	82 65	87 63	86 66	84 64	82 65		83,8 62,4
HEADLAND	MAX		93 68	89 67	87 65	87 61	90 68	91 64	89 64	90 64	92 62	94 65	95 67	96 71	96 70	95 69	95 69	91 68	91 71	95 67	89 68	93 68	94 66	94 66	97 65	93 68	94 69	93 68	89 69	81 69	89 70		91.4 67.5
HIGHLAND HOME	MAX			88 70	85 61	85 60	86 67	89 65	89 65	88 65	91 67	93 67	94. 67	93 69	93 71	93 68	89 69	92 69	89 67	90 69	87 67	89 69	88 66	90 66	94 68	96 63	87 65	93 65	92 68	91 69	81 69		89.7 67.0
HUNTSVILLE	MAR		8 9 68	84 64	78 55	84 60	85 60	85 60	89 59	83 68	86 68	88 67	90 65		82 66	90 70	88 69	91 67	89 70	85 66	84 62	82 60	82 56	86 52	88 57	82 69	81 68	89 71	87 69	88 68	83 70		85.9 65.0
LA FAYETTE	MEN		90 68	86 67	83 58	83 60	85 62	88 60	88 69	87 61	89 61	90 65	90 65	93 67	90 67	92 66	89 66	93 67	88 66	91 67	87 65	90 65	90 62	90 60	95 62	95 63	85 64	89 65	89 67	89 66	84 66		88.6 64.6
LIVINGSTON	MAX		92 67	90 71	90 65	85 62	88 67	90 60	91 64	86 70	85 71	91 70	84 70	94 69	94 68	95 72	91 72	93 70	92 69	87 69	85 68	87 64	87 63	90 63	93 65	91 67	91 68	91 66	91 71	89 72	81 72	71	89.4 67.9
LOCKHART	MAX		92 69	93 69	88 70	88 66	85 69	89 61	91 67	89 66	89 65	91 67	92 67	94 72	95 72	94 71	93 72	94 70	94 69	88 70	93 68	70	88 67	89 67	92 66	96 68	93 67	90 69	70	90 70	88 71	71	90.7
MADISON	MAZ				81 59	79 60	84 63	85 62	85 63	88 64	84 69	86 67	88 68	90 69	89 69	83 69	90 69	88 71	92 71	89 70	82	84 63	82 58	81 58	86 59	90 69	82 68	81 69	90 72	87 68	88 68		86.0 66.5
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HOWASVILLE

ISCALOOSA CAA APT

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ALLEY HEAD

BTUMPKA

ALABAMA AUGUST 1950

Station																Day o	of mo	nth															erage
Diddos		1	2	3	4	5	6	7	8	9	10	11	12	13 ,	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
AXWELL FIELD	MAX			90 74	87 68	89 64	90 68	90 66	92 67	90 70		91 72	94 73		94 73	94 73	88 75	93 74	95 72	94 73				90 65		89 70	84 70	95 69	93	93 73	85 72	90 73	91.2 70.6
OBILE WB AIRPORT	MAX	94 74	94 70	90 71	90 73	90 68	90	93 69	90 72	89 70	90 70	92 69	91 72	95 73	95 74	96 75	92 71	93	91 71	91 72	88 70	89 70	90 69	93 70	94 70	93 71	91 69	90 69	89 72	86 73	74 71	85 71	90.6 70.8
OBILE WE CITY	MAX MIN	94 76	96 73	92 73	91 75	91 70	89 69	92 70	91 76	89 71	89 72	92 71	93 73	93 75	95 75		91 72	93 70	89 73	90 73	87 69	89 72	89 71	92 70	95 73	93 74	92 70	90 70	89 73	86 74	75 72	85 72	90.5 72.4
ONTGOMERY WB APT			92 67	90 71	86 66	87 61	91 67			90 67	91 68				96 71				93 68	94 71		92 68	90 64	93 63	96 63	91 68	86 68	93 66	91 69	91 70	84 70	90 71	91.4 67.9
ONTGOMERY WB CITY	MAX			89 73	85 68	87 64	88 68	88 66	90 68	88 70		91 72			93 73						88 70		90 67	90 66	95 67	89 71	81 70	92 69	90 71		83 71	87 71	89.6 70.2
ISCLE SHOALS CAA A	MAX	91 75	85 69	80 64	80 58	81 64	84 63		87 60		88 67	91 66	95 68	91 69		92 69		94 69	90 70	82 67	81 63	83 60	80 57	85 55	84 63	82 66	80 68	88 70	85 69	80 68	81 69	76 70	85.2 65.9
EONTA	MAX	90 69		90 66	84 50	80 53		85 54		91 68	90 67	89 63	90 61	93 63	92 65	90 67	94 67	91 67	92 66	92 67	91 66	86 58	89 55	85 50	88 55	93 68	84 67	80 64	93 67	90 69	90 67	84 68	88.6 63.0
LARK	MAX	90		87 69	86 66	86 63	88 70	91 65	90 66	88 65	93 64	94 68	95 69	94 71	94 71		90 71	95 69	91 70	95 70	88 69	89 71	93 67	94 67	96 66	95 67	94 68	96 69	90 69	91 70	86 69	77 70	91.0 68.3
MATTVILLE	MAX	91 70	92 66	88 73	85 66	85 61	89 67	90 62	91 62	90 65	92 66	93 66	93 69	94 67	94 68	94 71	89 72	91 72	92 69	91 70	87 68	89 66	88 62	90 61	94 61	91 68	87 69	93 66	92 70	91 72	83 71	89 68	90.3 67.2
ISHMATAHA	MAX		92 68	92 72	87 66	85 62	82 67	84 60	88 68	92 71	87 69	85 69	88 70	92 70	92 68	92 69	92 72	90 69	91 68	90 69	89 68	83 65	86 62	85 63	87 63	90 67	90 67	89 67	90 69	89 71	89 71	83 71	88.4 67.8
BERTSDALE 7 E	MAX MIN	93 74	94 71	90 75	90 72	88 66	88 69	90 67	88 69	88 67	88 65	89 66	92 69	94 71	94 73	93 73	92 70	92 69	90 70	90 69	88 68	90 70	90 66	93 66	92 ' 66	91 71	92 67	84 68	86 71	84 71	76 69	87 71	89.5 69.3
CK MILLS	MAX	92 56	91 66	88 70	85 54	87 56	89 59	90 55	89 59	87 58	89 63	93 62	95 64	96 62	92 65	92 65	90 67	94 66	92 57	92 66	88 65	91 64	90 59	92 56	95 56	93 63	88 66	90 66	90 68	91 67	89 68	81 70	90.4 62.8
INT BERNARD	MAX MIN		91 65	89 66	83 54	79 57	83 58	84 57	86 58	88 66	83 67	88 64	89 64	89 65	90 65		90 67	92 66	91 67	91 67			85 56	83 49	88 56	92 64	80 66	81 66	90 67	87 67	88 66	82 68	86.7 63.0
ND MTN STA FRM AP	MAX MIN	70	68	69	53	55	57	54	88 63	80 68	83 67	87 65	88 62	86 66	81 62	85 67	84 66	87 65	86 67	82 66			74 57	76 54	78 58	78 68	75 64	78 64	85 67	77 70	82 65	83 70	81.6 63.3
OTTSBORO	MAX	90 70	91 67	88 65	83 53	85 54	84 57	88 57	90 60	83 65	88 67	90 65	92 66	90 68	80 68		86 66	90 68	90 67	87 67		84 62	85 56		90 56	81 67	83 66	90 67	89 67	83 67	85 68	87 68	86.9 63.6
BIMA	MAX	93 71	93 67	91 72	87 67	88 60	93 66	93 65	93 65	92 68	93 68	94 70	96 70	97 70	98 70	97 72	96 70	96 71	96 70	94 70	90 68	92 67	92 63	94 61	98 63	94 69	90 70	95 67	96 70	94 70	85 72	91 71	93.3 68.2
PRING HILL	MAX	92 75	95 72	95 72		91 69	90 69	90 69	93 73	92 69	89 69	92 69	91 72	93 74	95 75	96 75	93 73	90 68	93 72	89 71	92 70	86 70	89 68		94 70	96 72	91 70	93 69	87 71	88 73	83 70		91.4 71.0
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PARLEY PAYETTE PLAT ROCK PLORENCE AT LOCK POORENCE AT LOCK PORT DEPOSIT PORT MORGAN PORT PAYES PRISCO CITY GADSDEN GAINESVILLE	2867 MADISON 2883 FAYETTE 2945 JACKSON 2976 LAUDERDALE 3024 LOWEDES 3035 BALDWIN 3043 DE KALB 3105 MONROE 3151 ETOWAH 3160 SUMTER	12 34 36 86 34 13 33 41 87 50 12 34 46 85 41 12 34 47 87 40 6 31 59 86 35 9 30 14 88 01 7 34 26 85 43 8 31 26 87 24 7 34 01 86 00 13 32 49 88 09	359 8A 8A LOIS V.KILLINGSWOR 7A TVA-387 180 550 75 W. B. RNGINERS 74 W.B. S. S. S. S. S. S. S. S. S. S. S. S. S.	3 4 3 3 2 3 4 5 3 4	THORSBY 1 BW THURLOW DAM TIBBLE 2 S TOMEY TRAFFURD TROT TROT TUSCALOGSA CAA AP TUSCALOGSA LOCK & DAM TUSINGER UNION SPRINGS	8204 CHILTON 8215 ELMORE 8223 WASHINGTON 8259 MADISON 8285 JEFFERSON 8323 PEER 8380 TUSCALOGA 8385 TUSCALOGA 8438 BULLOCE	1 32 54 86 44 13 32 32 85 54 288 13 31 20 88 15 226 112 34 54 86 44 750 23 34 98 85 55 590 23 34 87 37 170 2 33 13 87 35 152 11 32 24 85 42 459 6 32 08 85 44 485	MID SOIL CON. SERVICE 6A HARRAM POWER CO. 6A HARTIE T. GIVENS NID TVA.506 7A MKS. W. JOENSOM BA 8A TROMAS J. DJENSOM TO WID CIVIL ARRO ADM. 7A U. S. ENGLIRERS BA 8A PROF. N. L. LANIER P 7A MKS. BORDER GUTTRIE	3 4 3 CLOSED 5/50 3 4 2 3 4 5 2 3 4 5 2 3 5 2 3 5
GABBUN CITY GENEVA GOODMATER GOODMATER GORGALS GREENVILLE GREENVILLE GOTTERSVILLE GUNTERSVILLE G	3200 CULLMAN 3255 GENEYA 3399 GOOSA 3430 WALKER 3511 BALE 3519 BUTLER 3524 BUTLER 3529 BALDWIN 3578 MARSHALL 3583 MARSHALL	2 34 00 86 44 5 31 02 85 52 7 33 09 87 13 2 33 39 87 13 2 32 42 87 36 6 31 50 86 38 6 31 50 86 38 9 30 16 37 40 12 34 22 86 17 12 34 26 86 24	107 7A 7A RESECCA CAMPDELLA 300 5 A 7A C. PUTVIS CONAULA 50 6 A ALABAMA POWER CO. 5 A 5 P 8A CECILE T. LEVIS 6 A 6	3 4 5 5 5 2 3 5 5 3 4 3 4 3	UNIONTOWN UNIVERSITY VALLEY HEAD VANCE VERNOM WADLEY WALLACE WAINT GROVE WATELOO WEST BLOCTON	8446 PERRY 8454 TUSCALOOSA 9469 DE KALB 8477 TUSCALOOSA 8517 LAMAR 8605 RANDOLPE 8637 ESCAMBIA 8848 ETOWAH 8866 LAUDERDALE 8809 BIBB	1 32 27 87 71 273 2 33 12 87 35 225 7 34 34 85 36 1031 3 33 10 87 13 13 33 45 88 07 180 11 33 06 85 34 640 8 31 13 87 13 165 2 34 04 86 19 880 12 34 55 86 04 445 3 33 07 87 07	MID MID DR. F. H. MITCHELL BP 8A MES. CARRIE DELBY 7A WH. F. YANCE MID COUNTY AGENTS OFF. 6A ALBAMA POWER CO. 7A RILEY C. PETTIB 7A MUSS FLORENCE PARKER 69 J. KLIES TERRET 7A KUPSOFT M. BRANCHM	3 4 5 2 3 5 3 4 3 3 3 3 3 3 3
BALETYILLE BANILTON BARRISBURG 6 SP BAYNEYILLE BELEZA HIGHLAND BOME HIGHTOWER HODGES HUNTSYILLE SUBSTATION BUNTSYILLE WB AWY	36420 WINSTON 3644 MARION 3697 PERRY 3748 LOWNDES 3753 SHELBY 3816 CRENSRAW 3842 CLEBURNE 3899 FRANKLIN 4060 MADISON	2 34 14 87 38 13 34 08 87 59 3 32 48 87 11 1 32 11 86 35 3 31 18 86 51 6 31 57 86 19 11 33 32 85 24 13 34 20 87 56 12 34 43 86 35 12 34 42 86 35	498	3 3 2 3 5 3 3	WETUMPRA WHATLEY WHERLIER DAM WHITFIELD LOCK 3 WILSON DAM WHEFIELD 2 SW TATES STORE WEW STATIONS	8859 ELMORE 8867 CLARKE 8875 LAWRENCE 8925 CHOCTAT 8980 COLERET 9998 FATETTE 9103 ELMORE' 9350 LAUDREDALE	7 32 32 86 12 205 13 31 39 87 43 170 12 34 47 87 21 580 13 32 17 88 01 30 12 34 48 87 37 530 13 33 56 87 49 468 11 32 34 85 54 335 12 34 57 87 54 840	6P 6A MRS D. R. WEITABER 7A LEGERAD L. COLEMAN 7A TYA-52 7A U. S. EMOLYEKERS 6A TYA-471 7A W. W. COTREY 6A ALLEMMA POWER CO. 7A TYA-621	2 3 5 3 3 3 3 3 3 3 3
SYTOP JACKSON LOCK 1 JACKSON SHOALS JACKSONVILLE JORDAN DAM LA FAYETTE LAY DAM LERDS LESSURG LINCOLN	4099 JACESON 4192 CLANEE 4198 TALLADEGA 4209 CALBOUN 4306 ELMORE 4502 CRAMBERS 4603 COOSA 4619 JEFFERSON 4627 CHEROKEE 4734 TALLADEGA	12 34 54 86 05 13 31 33 88 01 7 33 32 86 12 7 32 37 86 15 11 32 37 86 31 3 33 33 66 33 7 34 11 85 46 7 33 37 86 07	10	3 4 3 4 3 5 3 4 3 2 3 5	HEADLAND WIDOWS CREEK STM PL	3761 HENRY 8936 JACKSON	5 31 21 85 20 12 34 53 85 45 612	7P ALA. POLY. IMST. 7A TVA-704A	2 3 5 3 4
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1 -ALABAMA; 2-BLACK WARRIOR; 3-CARABA; 4-CHATTABOOCHER; 5-CBOCTAWHATCHEE; 6-CONDUM; 7-COOSA; 8-BSCAMBIA; 9-GULF; 10-PMA; 11-TALLAPOONA; 12-TENDRISHER; 13-TOMBIGHEN REFERENCE NOTES

Figures and letters following the station name, such as 12 SSF, indicate distance in miles and direction from the post office. Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Diseas otherwise indicated, dissensional units used in this bulletin are: Temperatures in it ?, precipitation and evaporation in inches, and wind novement in miles. Evaporation is measured in the standard Weather Bureau type pan of 4 foot dissects unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 4 are from recording gages. Traces are not shown

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

- In folces 3, 5 amo a are for the 24 hours ending at time of observation. See thm Station Index for observation time.

 For record in Tables 3, 4, 6, and the Station Index. No record in Tables 2 ame 5 is indicated by no entry. Then hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.

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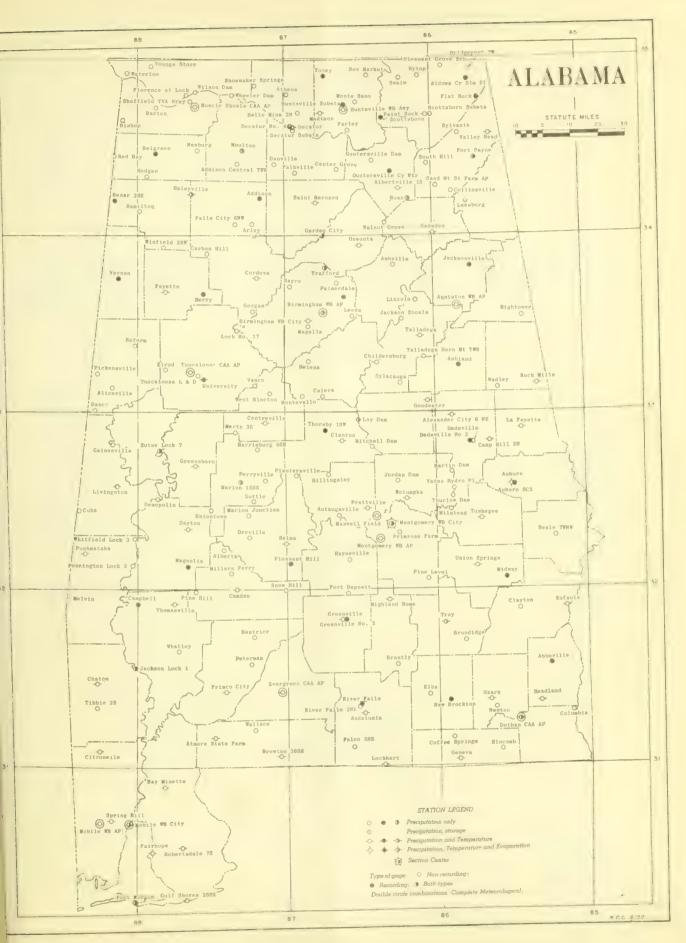
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 Bally value and coathly total from recording gage. All other data in Table 3 are from non-recording gages.

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ALABAMA

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ALABAMA - SEPTEMBER 1950

A. R. Long, Section Director - Montgomery

WEATHER SUMMARY

This September was cooler and wetter than normal, but there were some localities, especially in the south, where rainfall after the first 3 or 4 days was very light.

Heavy accumulations of general rain at the end of August were followed by showers which tapered off in frequency during the first 3 or 4 days. Around the 6th to the 8th, nearly general rain occurred which was moderately heavy in most areas. It was exceptionally cool during this period since the rain was the accompaniant of a hurricane which moved northward through north Florida and dissipated as it curved through Georgia and into northern Alabama.

From the 10th to the 22d temperatures were near normal. No rain occurred during this period except widely scattered showers around the 9th to the 11th, scattered showers on the 17th, and light, but nearly general, showers, on the 21st.

The last 8 days were cool, and, with the exception of heavy rain on the morning of the 29th over an east central area extending from southeastern lowndes County through eastern Coosa County, precipitation was very light and was confined to scattered rains during the last 3 days.

The storm on the 29th mentioned above should be of considerable academic interest since the weather was cool and moderate northeast to east surface winds in this area continued to blow anti-cyclonically around a big high over the eastern states. From data charted at the Montgomery Airport Station, there did not immediately appear to be any reason why the air aloft should have been channelled in such a way as to give the high level thunderstorms which occurred, and there seemed much less reason for them to have moved so slowly as to give such heavy accumulations of rain. At Dannelly Field (Montgomery Airport Station), 4.87 inches were measured, and there were 3.87 inches at Maxwell Field. The distribution of rain in this storm is given in the map on the following page.

The wet weather during late August and early September was not favorable for harvesting operations and considerable hay was lost, but the ground was left in fine condition for the fall planting which followed. During the last two thirds of the month farm work made good progress. As the month ended, about half the cotton crop in the central counties and nearly all in the south had been picked. In the north, picking and ginning were behind schedule due to the lateness of the crop. The peanut crop was two-thirds dug and threshing was under way at this time, and some soy beans were combined in the southwest. Digging sweet potatoes was begun around the middle of the month. Pastures and other vegetation held up better than usual for the time of year.

Heavy rains which accompanied the tropical storm at the end of August caused light flooding in the Choctawhatchee River in southeast Alabama on the 1st. No damage was reported. Rain in northwest Georgia and northeast Alabama, when the remnants of a tropical storm moved through north Georgia and north Alabama, around the 7-8th, caused moderate flooding in the upper Coosa River. Rural damage, mostly to unhoused crops and to hay, was about \$63,000. Slight flooding was also caused in the Whitfield Lock 3 area on the Tombigbee, but little damage was done.

---FCP

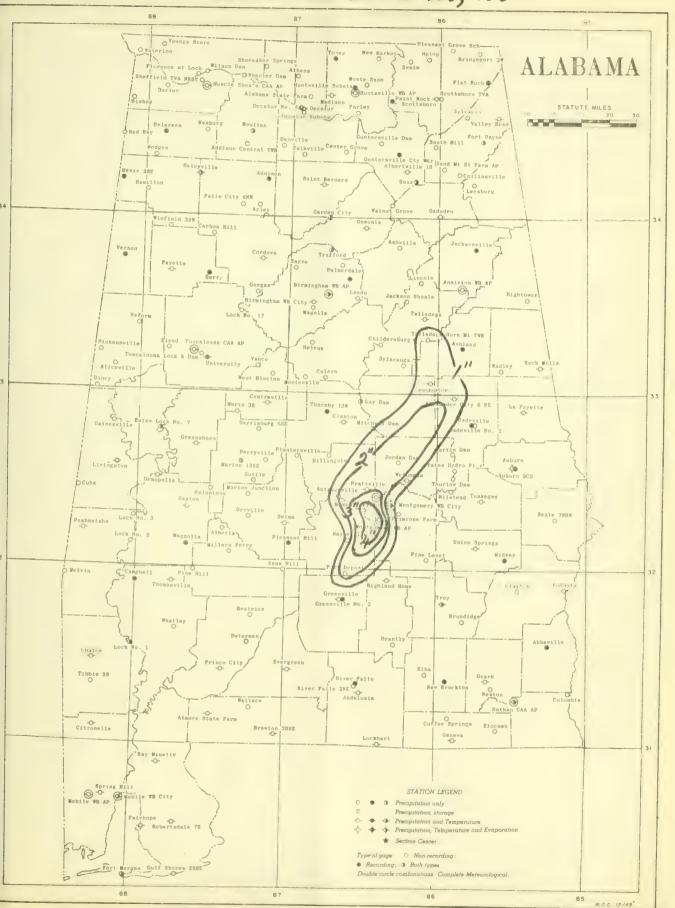
ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transfered red about \$250,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferered about \$20,000 per year to provide have Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25. D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station index.

RAIN STORM ON SEPT. 29, 1950



SUPPLEMENTAL DATA

ALABAWA

																			SEPTEME	ER 1950
	Wind	direction		.Wind m.	speed p. h.		Relati		idity ave	rages -		Numh	er of d	ys with	precipi	itation			nset	
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30 m	6:30 a	12:30 p	6:30 p CST	Trace	9010	1049	.50–.99	1 00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to su	Dедтее days
ANNISTON WB AP		_	-		-	-		-	-	-	5	3	4	0	1	1	14	_	-	See Table 2
BIRMINGHAM WB AP	ENE	11	6.3	28	NE	6	89	90	63	77	2	6	5	1	0	0	14	48	7.2	**
MOBILE WB CITY	N†	14†	10.1†	32	W	22	88†	90†	60†	78†	2	4	4	1	0	1	12	56	5.4	11
MONTGOMERY WB AP	ENE	12	6.1	24	NE	6	88	90	61	75	2	4	3	0	0	2	11	68	6.7	**
†AIRPORT DATA											•									

7-1-1- 1

COMPARATIVE DATA

Table 1							COM	211121	11 4 12	DAIA	•						
		Temperatur	9	Precipi	tation			l'emperature		Precipi	tation		7	l'emperature		Precipi	tation
Year	Average	Highest	Lowest	Average	No. of days .01 or more	Year	Average	Highest	Lowest	Average	No. of days	Year	Average	Highest	Lowest	Average	No. of days
1884 1885 1886 1887 1888	77.9 74.3 76.0 74.6 71.7	97 95 95 104 90	45 40 42 39 35	0.64 5.35 1.61 3.34 4.76	2 11 5 4 9	1909 1910 1911 1912 1913	75.1 77.5 80.4 77.1 73.2	101 101 105 103 103	35 45 52 46 34	2.82 2.21 2.32 4.70 6.95	7 6 6 9	1934 1935 1936 1937 1938	75.1 75.2 78.5 73.7 75.3	99 99 100 97 102	48 40 46 40 39	2.02 2.35 2.80 3.96 1.40	6 5 7 7 4
1889 1890 1891 1892 1893	73.3 73.7 73.8 72.0 74.8	97 95 97 100	36 48 46 37 40	4.04 6.25 1.96 3.20 4.47	6 12 5 4 7	1914 1915 1916 1917 1918	73.1 76.6 73.7 73.1 70.1	100 102 100 98 97	42 40 35 40 34	4.69 4.43 2.18 6.42 4.26	8 5 6 7 7	1939 1940 1941 1942 1943	77.3 73.7 78.2 73.4 72.7	101 100 101 99 98	50 36 43 35 38	3.92 1.47 2.76 4.08 4.40	7 3 6 7 8
1894 1895 1896 1897 1898	75.5 78.5 76.0 75.7 75.5	96 101 104 102 100	45 34 35 33 48	2.58 1.46 1.76 0.65 3.81	6 5 4 2 6	1919 1920 1921 1922 1923	75.3 77.0 81.2 77.5 76.3	100 99 102 102 96	44 34 53 45 46	0.77 3.31 2.73 1.81 1.21	2 6 7 5 4	1944 1945 1946 1947 1948	76.5 78.3 73.4 76.9 73.5	103 102 98 102 101	48 50 45 37 43	4.79 3.46 6.08 2.61 4.67	8 8 9 6
1899 1900 1901 1902 1903	72.9 77.9 72.4 73.4 73.4	104 100 95 97 102	30 46 39 34 35	0.67 4.01 4.08 4.24 1.49	2 4 6 8 3	1924 1925 1926 1927 1928	72.9 83.5 79.4 77.8 73.7	99 112 99 105 98	30 59 54 36 36	3.41 2.71 5.42 1.43 2.92	8 6 3 6	1949 1950 Period	73.4 73.0 75.5	97 96	35 40	3.31 4.13 3.30	
1904 1905 1906 1907 1908	77.0 76.3 78.5 75.0 74.5	104 102 100 104 101	40 46 58 42 33	1.34 2.57 8.42 5.41 2.33	4 6 14 9 5	1929 1930 1931 1932 1933	74.7 77.0 79.7 75.0 79.6	98 101 106 100 102	43 42 42 45 41	5.85 6.38 1.25 4.80 2.30	11 12 4 8 6						

				lemt€	rature									Precipitati	on				
		~		1			10	No. o	f days		_			Snov	w, Sleet, Ha	ul	N	o. of da	yn
Station	Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	Max 90° or above	Min 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max depth on ground at obsn	Date	Ol or more	25 or more	100 or more
NORTHERN DIVISION																			
BERTVILLE 1 S NNISTON CAA AIRPORT LLE WINA 2 N RWINGHAM WB AP RWINGHAM WB CITY	70 0M 71 5 70 0 71 8 73 5	- 2 7 1 4 - 1 3	89 91 93 91 94	2 3 3 3 3	47 47 40 53 53	25 26 25 24 26	4 12 1 0	0 1 2 2 6	0 0 0 0	3 42 6 06 2 91 2 50 4.07	25 2 39 88 69	2.55 3.08 .74 1.34	8 1 7 12	.0 .0 .0	0 0 9 0		7 9 13 13	3 4 7 3 4	1 1 2 1 0 2
ORDOVA CATUR YETTE DSDEN ODWATER	72 2 71 5 70 7 70 7 71 5	- 2 2 - 2 6 4 3 4 0	91 89 92 92 89	3+ 2+ 5 4+ 4	44 47 45 47 52	25 25 25 26	3 4	3 0 3 3	0 0 0	1.60 3 91 4 61 5 68 5 79	99 1 54 1 62 2 67 3.02	59 1.37 1.35 2.14 92	7 8 7 1 29	.0	0 0 0 0		4 12 15 9	3 5 5 6	0 1 1 1 2 1 0
LEYVILLE NTSVILLE WB AWY DISON SCLE SHOALS CAA AP EONTA	68.6 70 3 71 3 70 5 71 1	· 3.4 · 3.5 1.3	98 90 92 93 90	3 + 3 + 4 + 3 + 4 +	43 45 48 44 47	25 25 25 25 27	19 7 10	0 1 1 1 3	0 0 0 0	3 13 5 14 4 48 1 38 3 49	2.18 1.47 - 1 47 .52	1.05 1.68 1.50 1.07 1.01	8 7 8 7 8	.0 .0 .0	0 0 0 0		6 9 14 5	5 5 7 1 5	1 1 1 1 1 1
CK MILLS INT BERNARD ND MT STATE FARM AP OTTSBORO LLADEGA	71.9 70.0 68.9 71.3 71.8	3.4 · 1.4 · 3.3	92 91 89 93 93	3+ 4 3 3 3	48 45 47 48 47	26 25 25 26 26	5 16 6 5	3 1 0 3 2	0 0 0 0 0	4 32 3.38 6.18 5.92 4.83	1.63 .59 3.08 1.82	2.11 1.07 2.87 3 10 2 14	8 12 1 7	. 0 . 0 . 0 . 0	0 0 0 0		7 10 8 14 10	3 4 4 4 2	1 1 2 1 1 2
SCALOOSA CAA AP IVERSITY LLEY HEAD	73 3 72 1 69.5	- 3.0 4.2 2.8	93 93 89	3+ 4 4+	49 49 48	25 25 26	2 3 23	9 7 0	0 0 0	3 60 3.54 8.65	77 .71 6 10	1.40 1.40 3.05	7 2 8	.0	0 0		10 10 6	4 4 6	1 1 4
DIVISION MIDDLE DIVISION	71 0									4.29				.0					
EXANDER CTY 6 NE BURN MDEN MP HILL 2 NW NTREVILLE	70.8 71.9 74.4	1.9	90 89 92 90	3+ 5+ 16 3	50 56 54 49 55	24 23+ 27 26 26	5 1 0	2 0 8 1 7	0 0 0 0	6.10 3.21 2.01 2.70 4.36	.11	1 75 .90 1 35 .77 2.09	29 1 2 8 7	.0 .0 .0 .0	0 0 0 0 0		9 8 7 8	6 5 2 5 4	3 0 1 0 2
ANTON YTON FAULA REENVILLE GHLAND HOME	72.0 74.1 74.9 73.4 73.7M	- 3.5 - 1.4 - 3.3 - 3.0	89 92 96 91 90	4+ 4+ 15 3 20	52 56 54 54 55	26 24 26 26 25	3 1 4 3	0 8 13 1	0 0 0 0 0	3.91 4.11 3.34 3.04 3.55	92 11 28 .38	1.77 1.96 2.07 1.47 2.35	18 2 7 7 7	.0 .0 .0	0 0 0 0		11 6 8 11 5	3 4 3 3	2 2 1 1 1 1 1
. FAYETTE RION JUNCTION 2 NE XWELL FIELD NTGOMERY WB AP NTGOMERY WB CITY	71.6 73.7 75.4 74.2 74.6M	1.7	90 90 93 92 91	3+ 3+ 4 4 20	52 53 59 56 58	26 25 26 26 26	7 2 0 1 0	2 4 5 8 3	0 0 0 0	3.05 2.63 6.63 8.83 4.50	1.51	1 16 1.65 3.87 4.87 2.50	7 7 29 29 7	.0	0 0 0 0 0		8 5 7 9 7	4 2 3 5 3	1 1 2 2 2 2
ATTVILLE SHMATAHA LMA OMASVILLE OY	74 0 72.9 75.8 74.0 73 44	1.8 - 3 1 1 4 2.5 3 9	91 90 95 90	3+ 5 3+ 4+	57 52 55 55 55	26 25 25 25 25 7	1 0 2	3 1 13 2 3	0 0 0 0	3.62 1.30 2.64 4.55	09 - 1.43 70 29	1.28 .55 1.08 1.86	2 7 3 7	.0 .0 .0	0 0 0 0		6 7 7	4 2 5 3	2 0 1 2
SKEGEE ION SPRINGS TUMPKA	73 7 74 4 74.1	- 3 6 1 9 3 4	92 93 94	4 3 • 4	54 55 56	26 26 26	1 0	2 7 2	0 0 0	2.53 2.22 6 03	. 08 53 3.06	1.05 1.60 1.79	7 7 30	.0	0 0 0		10 6 10	4 1 6	1 1 3
DIVISION	73 7									3.86				T					
SOUTHERN DIVISION DALUSIA MORE STATE FARM Y MINETTE LEWTON 3 SSE LATON	75 1 75 8 75 9 75 1 74 9	- 1.5 - 1 9	91 95 93 94 93	14 17 18 17	59 59 60 53 55	24 24 7+ 25 24	0 1 1 0	8 13 13 15	0 0 0 0	2 13 3.29 3 46 1 60 3.12	- 3.04 - 3.00	1.03 1.45 2.70 77 2.42	7 2 2 2 2	.0	0 0 0 0		5 6 8 5	2 6 1 2 2	1 1 1 1 1 0 1 1 1
TRONELLE THAN CAA AIRPORT TERGREEN CAA AP LIRHOPE RT MORGAN	76 2 75 4 73 6 75 8 78 6	- 1.7 3.7 - 2.4	92 94 93 93	17 · 22 16 18 4	56 57 54 58 63	28 6 27 24 8	0 3 2 0 0	9 13 12 11 2	0 0 0 0	5.31 3.12 1.84 5.80 2.38	41 - 2.04 - 2.08 39	4.10 1.46 .39 2.88 1.57	2 1 2 2 2	.0	0 0 0 0 0		7 5 7 9 5	3 4 4 6 2	1 1 0 1 1 1 1
ISCO CITY NEVA CKHART BLILE WB AIRPORT WBILE WB CITY	74 6 75 4 75 5 76 3 77 2	9	92 93 93 93 93	17 + 14 + 14 17 + 17 +	54 58 59 59	9 · 9 · 7 · 7 ·	0	12 15 9 13 9	0 0 0 0	4.67 7.42 2.74 7.05 7.51	1 04 3.14 2 51	2 02 5.34 1 26 5 54 6 10	2 1 1 2 2	.0	0 0 0 0		7 6 6 10	6 3 3 3	1 2 2 1
ARK BERTSDALE 7 E RING HILL	75 2 75 5 77.0M	2 3	93 1	22	55 60	26 8 ·	1 0	11	0 0	4 3F 4 71 7 21	21 - 1 79 1 76	2 17 1 69 3 18	7 2 3	.0	0 0 0		7 10 5	2 4 3	3 3
DIVISION	75 8									4 32				.0					
STATE	73 0	- 2 5								4 11	83			Т					

Station	-															of m		- 15					05								EMBER	Total
	i	2		4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	-	23	24	25	26	27	+	29	30	31	
ABBEVILLE E ADDISON RADDISON CHTRL TOWER ALBERTY ALBERTY ILLE 1 S		30 -	4 1.1	9	-	1.50	.40	- .34 2.55	.26	-	-	. 29	-	.07	. 46	~	.23					.10						. 06	. 05	.20		3.34 - 2.54 3.42
ALEXANDER CTY 6 NE ALICEVILLE ANDALUSIA ANNISTON CAA AIRPORT ARLEY	3.	08 .0	0 .1		.15		1.67 1.03 1.93 .42	.45 2.00 .14 1.04	.70	.35	.04	1.00	.29	. 02	Т		.36 T	. 50			т	.17 T						T	.04	.60		6.10 6.15 2 13 6.06 2.58
ASELAND //R ASEVILLE ATHENS ATHORE STATE PARM		3 .0	3 .0:	2 1.27	.11	.39	1.60	.05 1.05 1.43	.30	.02	.17	.02		.25	. 04		.10	. 05				. 47							.70	T		4.90 4.05 2.51 3.29
ATHORE STATE FARE R AUBURN AUBURN SCS 10 R AUTAUGAVILLE		1.6	6			. 55	.75 .30 1.46	.14			.30		.49 T				. 35	.43				. 23	. 28						.13	.10		2.80 3.21 2.21 4.72
BARTON BAY MINETTE BEATRICE BELGREEN R	-:	.5 2.7	6 .5	2			.05	.75	. 28	.10	.02		. 20			.12	. 04					.85					T			. 18	1	2.30 3 46 2 85 1 69
BERRY R BEXAR 2 SE B		19 .4	1 .0	2 .05		.05	1.28 1.56 .82	.62	.26	.01	. 07			.15			. 68	1.24				.52 .10		-	-	-	.14	-	.12	.01		3.65
BILLINGSLET BIRMINGHAM WB AP R BIRMINGHAM WB CITY BISHOP BOAZ		8 .0 3 .0 5 1.2	2 .1:	T 3 .14	.25	.49	1.19	.02 .03 .55	.06 .10 .20	.05 .03 .07	.44	1.34 .34 .35			T		. 23	1.29			.15	.10						.03	.13			3.59 2.50 4.07 4.62
BOAZ R BRAWTLY BREWTON 3 SSE BRIDGEPORT 2 W BRUNDIDGE	1.	1 .1	7 .20	0			2.08 1.80 .40 3.05 1.19	.09 T	.21	. 13	.92			,18				.40				.28	т						.03 T .05	T		4.44 2.62 1.60 7.02 2.75
CALERA CAMPOEN CAMPBELL CAMP HILL 2 NW		0 .2 9 1.3 2.0	2 .14	.10	. 02	.01	.97 .42 .54	.26	T . 04	. 07	.48	.06	. 02			.15	. 56						.20		.05	_	-	-	.10 T .09	•		2 79 2.01 2.70
CARBON HILL CENTER GROVE CENTREVILLE CHATOM			. 2	5 .15			.31 2.09	.50 1.48 .40	.11	.30 .20 .04	т	. 20	T .04	. 06	.01	T	. 03	1.03	T			T . 05						. 05	.10 T .15	.03		4.29 3.37 4.36 3.12
CHILDEESBURG CITRONELLE CLANTON CLAYTON		4.1					1.15	. 20	. 02	. 01	. 56	.08	т				.45	1.77				.17	. 03					.15	. 16	. 22		3 17 5.31 3.91 2 54
COPFEE SPRINGS COLLINSVILLE COLUMBIA CORDOVA	2.2	2 .9	9 .01	1	. 02	.30	.61	2.00 .08	. 07	1.09	.11		.10					T .47					.35						.16			2 54 2 80 7 28 2 36 1 60
CUBA DADEVILLE DADEVILLE NO 2 R DANCY DANVILLE	1 3	.7	6 2.90	. 06	. 33	. 26		.44 .45 .10 1.61	. 02	.45	.37	.33 .53 .20	. 94	.27	.35		.49	.37				.06	. 07				.16	.05	. 29	. 37		4.14 4.26 3.25 7.67
DAYTON DECATUR DECATUR NO 4 DECATUR SUBSTATION	. 6	1.9	1 .03	i l			.03	.04 1.37 1.45 1.39	.21	.06	T . 01	.25	.12	.81 .84 .40	.10 .11 .10			T .01				.29						т	. 07	. 03		2.05 4 11 3 91 4.15 3.39
DEMOPOLIS LOCK 4 DOTHAN CAA AIRPORT DOTHAN CAA AIRPORT R ELBA ELROD	1.4	1 .2	6	T	. 22	.71 .70 1.31	.59 .19 .15 .10	. 29 T	.30	. 05					.18			.48				.50	.05					1	T .11	.18		2 65 3.12 2 99 2.83 4.85
EUFAULA EUTAW LOCE NO 7 EUTAW LOCE NO 7 EVERGREEN CAA AIRPORT		2 .3 .1 3.0 6 .3	7 .63 1 9			.02	2.07 1.18 1.11 .37	.02 .31	T .06 .04		. 06	.31	. 03 . 08 T				.20	.09		.09		.02 .02 .17							.07 .25 .14	.47 .22 T		3.34 3.17 5.33 1.84 5.80
PALCO 5 NE FALKVILLE PALLS CITY 6 NW FARLEY	.3	0 .0	.20			1.00	.40		.12	. 05	. 09	. 02	T	. 05 . 55 . 15	.22		.65					.05						T	.01			3 15 2.21 2.85 2.66
FAVETTE FLAT ROCK R FLORENCE AT LOCK FORT DEPOSIT FORT DEPOSAGAN	1.2	1 .3	7 4 .03 4 .02		.12 T		1.35 3,17 1.12	. 81 . 22 . 89 . 31	. 54 . 80 . 09 T	. 58	. 05	. 02	. 06	.04			. 58	.16				.56	.06			.19		.04	.08	. 06		4.61 7.23 2.82 3.81 2.38
FORT MORGAR //R FORT PAYNE FORT PAYNE FRISCO CITY	2.	1.5	3 2 .7	2			2.99	2.54	. 05	1.44	. 02		.33					. 56				.05	.33			-	-			.47		7.63 7.52 4.67
GADSDEN GAINESVILLE GARDEN CITY GARDEN CITY R	İ	.7	4 1.1		.35	.15	1,32	1.43 .58 1.42 .06	.10	. 46	. 05 T	.06	. 18	. 03 T			т	. 01				.10	T .10				т	. 09	. 04	.30	1	5.68 4.26 2.63 2.46
GENEVA GOODWATER GORGAS GREENVILLE	1.	19 .0	3 .4	.12	. 52		1.24 .85 .74	.07 .81 .37	T .10	T . 03	.36	.52	т . 03	. 02				.63 .39					.08 T .02						. 92	.19		7.42 5.79 2.52 3.04
GREENVILLE NO 2 R GULF SHORES 2 SSE GUNTERSVILLE CITY W WESE GUNTERSVILLE DAM HALEYVILLE		1 .1 1.2 6 .2 6 .6	5 1.4	5	. 94		1.25 2.00 .03	1.91	.11	. 05	. 59	. 05		.22	.02		.14					. 15							. 50	.07	;	2 77 2.89 3.27 4.23
HALEYVILLE HAMILTON HARBISBURG 8 SE HAYNEVILLE		17 .4	2 .0 3 .1 .2 .6	5	.22	٠	.23 • .73 2.06 1.62	.50 .51 .18	.40 1.31 .29 .15	. 05		.10	.02				. 05	1.32					т					. 05	.40	.03	1	3 13 2.37 2.85 5.88 3.84
HELENA EIGHLAND HOME EIGHTOWER HODGES HUNTSVILLE SUBSTA	1.	3 .2	5	. 14			1.38 2.35 1.30 .34	.62 .08 1.12	.68 .03 .15	.81 .04 .37	.01 .05 .23	.10 .05	. 28	.25	. 09			1.04				.19	.17					.68	.07	.10		6.54 3.55 4.07 2.72 4.01
BUNTSVILLE WB AWY BYTOP JACKSON LOCK 1 JACKSON LOCK 1 BACKSON LOCK 1 BACKSON LOCK 1	1.	18 .4 00 .4 1.6 3.1	3 0 0 1.7			T	1.68 .51 .24	.36 3.22 .02	.16	. 03	.10	.50	T .17	.11	.20	.39	.41	.14				.79	. 03					Т	.08	.10		5.14 6.67 4.55 4.23
JACKSON SHOALS JACKSONVILLE B JORDAN DAM LA PATETTE LAY DAW	2.	13 .1 15 .0	3 .2	3 T	.27	. 06	1.55 1.37 1.16	.80 .04 .64	.02	.37	.61	.15	. 58				. 62	.42				.06 .08	.06						.26 2			3.55 6.27 6.39 3.05
LAY DAM R		24 . 1 11 . C	5				.80 1.16	.63	.01	. 06	.11	. 60	. 08				. 63	. 66				.08							. 55	.32		4.10 3.06

DAILY PRECIPITATION

ALABAMA SEPTEMBER 1950

Station															Day	of m	onth							.,								Total
0.0000	. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	H
EDS KSBURG IKHART IM NO 17 DISON	. 04 . 70 1.26 . 05 . 36		. 02	.59	T . 14	T	.70 .64 1.00 .70	1.75 T	.05	.11 .66 .04	.08	. 63	.07	. 08	.31			.24 05 1.52				.04	.30			. 05		. 02	.15 T	.01		4.38 5.10 2.74 4.36 4.48
ERLLA SNOLIA R FRONT SSE LION 1 SSE R RION JUNCTION	.10	.66 .52 .86 .89	1.00			.82	.47 .69 2.49 2.50	.11 .06 .48	. 03	. 02	. 57			.18			1.38	1.44			.01	.21	T						. 02	.49		3.80 1.42 5.79 5.19 2.24
RION JUNCTION 2 NE RTIN DAM WELL FIELD LVIN RTZ 3 E	1.17 T	.82 .07 T 2.33	. 93	.11	. 02	.37	1.65 .77 2.01 .18 2.10	.11	. 03	.10 T		.11	. 24				.04	. 33				.13	.08					T	. 18 3 . 87	.75		2.63 4.17 6.63 4.44 3.86
JWAY R LLERS FERRY STEAD COULL DAM BILE WB AIRPORT	.22 .25 .08	.30	. 88			. 52	.55 .40 1.32 .91	.06	.08		.42	.10	.11			. 09	. 35	. 95				.15				т	.16	T	. 53 . 60 . 53	.12		2.17 2.86 3.85 7.05
HILE WB CITY R TTE SANO TTGOMERY WB AP TTGOMERY WB CITY R ILTON R	.64	6.10 .92 .25 .03	т	т			.01 2.80 2.50 .81	3.07 .03 .06 .01	.30	.25 T	. 02	.53	.13	. 32	. 06	.33	. 14					.23 .20 .08 .15			T		. 02		.01 4.87 1.46			7.51 5.83 8.83 4.50 1.60
CLE SHOALS CAA AP F BROCKTON R FBUEG F MARKET FTON 2 NW	1.87	1.08	.10			.83	1.07	1.15	.21	18 .08	. 06	.10	T	.01	. 08							7 .36 .05 .14	.40			Т	T .03		T .05	. 09 T		1.38 3.75 2.34 4.93 4.98
IOHTA EVILLE ARE INT ROCE R MERDALE	1.80	. 04	.39	. 48			2.17 2.39 .48	.08	.35	.32	. 26	. 53	T .15	.16								1.14	.80					.30	.14	. 05		3.49 4.38 5.89 2.05
WHINGTON LOCE 2 REMAY R KENSVILLE RE HILL	.14	.49 .26 1.33	. 70	. 55	.17	.05	1.53	. 79	. 69						. 25	. 09	.96					. 52						.15 T	.13	.15		2.67 2.80 2.36 6.22 1.85
HE LEVEL ISVILLE ISSVILLE ISSANT GROVE SCE ISSANT HILL ISTVILLE	. 05	. 45	.38		-	-	1.12 1.20 .08	.12 .40 3.40	.18	. 08		. 01	.10				-	1.22	-		-	.25	-	-	-				.15 .10 .04 2.25	.42		1.88 3.82 4.50
MROSE FARM IEMATAHA D BAY YORM VER FALLS	.38	1.28	1.01 .20 .62 .30		. 03	.50 T	2.87 .62 .50 1.51 .83	.26 .10 .32 .61	.28	.10	. 25,	.14	.32	.37			. 88	T .11			.18	.14	.17 T				Т	. 15	. 69 T	.06		4.54 3.62 3.86 5.25 2.48
VER FALLS 2 NE BESTSDALE 7 E 12 MILLS INT BERNARD ID MT STATE PARM AP	. 76 . 05 . 54 2 . 87	1.69 .07 .04	. 02	. 02		.14	1.24 .42 1.91	.04 2.11 .91 .89	.04	.07		1.07	. 08 . 54 . 08			.22	1 12	. 02				. 34	.21			. 05			.03	т		1.66 4.74 4.32 3.38 6.18
FRE PITSBORO PITSBORO SUBSTA MA FFFIELD TVA MRSY	.02 .48 .14 ! .03 .29	.08 .05 .43	.18	.04	т		. 55	3.10	.11 .15 .08 .05	.15 .16 T	. 02	. 20	.07	.15	. 03			.31 T			. 01	. 85	T					.01	. 02	.02		1.90 5.92 5.58 1.30
DEMAKER SPRINGS DW BILL ITE BILL LING BILL ITLE	.06	.11 .97 2.25				. 54	.02 .75	.92	. 29	. 64	.10	. 08		.11	. 79			.06				.09	. 51					.15	.08 T	. 03		3.89 1.37 5.36 7.21
AIM LACAUGA LVANTA LLADEGA LLADEGA EORN MT TWR	.24	.27 .03 1.10	. 05	. 01			1.04 .40 2.14 1.07	2.70 .16 .08	.21 .07 .20 .08 .37	.21 .90 .09	.15	.02	. 03	. 14	.10		.19	.73				.25 .33 .09 .17	. 06					1.19	.0" 1.99 .94	.39		4.27 4.17 6.04 4.83 5.41
DMASVILLE DRSDY 1 SW R DRSDY 1 SW R HEY R AFFORD	.16	.32	.13			.21	1.17	.26 .20 .31 .75	.10 .17 .22 .10			. 08	.12				1.50	.03				. 22	.30						. 51	.02		2.64 3.90 2.74 3.42 1.44
AFFORD R DY DY R BCALOOSA CAA AP BCALOOSA LOCK AND DAM	.43 .54 .01 .03	.14	.53	T .16			1.40 .85	.03	.02	. 05	. 01				T		1.89	.50				.11	.10		. 07		т		.07 .11 .06 .02			1.49 4.55 4.77 3.60 3.53
REGEE ION SPRINGS LONTOWN LYERSITY LYERSITY R	.48	.09 .26 1.40 1.40		. 03	T .06	. 25	.88	1.05 .04 .03	.10				.05	T			.45	.02 T		T		.17	. 25						.03	.12		2.53 2.22 3.33 3.54 3.49
LLEY READ CE RNON B LLACE	1.88	.45		.32		1.65	1.00 2.15 1.05	3.05 .40 .14 .15	.11	1.30	.35						. 58	. 68			.40		-				. 03		.37	т		8.65 3.02 3.70 3.70
LNUT GROVE PERLOO ST BLOCTOM FUMPEA ATLEY	.03	. 86	1.11	.20	.35	.10		, 04	.32		. 75	т	.10				. 23	.04		. 06	. 40	. 05	.29		.11		т		.12	1.79		3.71 2.93 3.10 6.03 2.67
SELER DAW ITFIELD LOCK 3 DOWS CREEK STM PLT PL LSON DAW NFIELD 2 SW	1.42 1.73 1.84 .11	.45 .02 .03 .28	.13	. 03	.11			. 20 . 94 1.22	.09	.59	.34; T	. 05 T	.01 .04		.15	. 01	.42					.15					. 01	.02		. 20		3.30 1.63 7.34 3.38 4.12
TES SYDBO PLANT DWGS STORE	.68	. 04	-	-	-	-	2.18	.39	- 07	-	-	-	.83		-			.08	-	-	τ		.35				Т	05	01	.55 T		5.39

0						A. F	A. Hou	r endi	ng									P. M	A. Hou	r endi	ng					
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1
												,	-ls	t-	-	٠	-	_						-		t
BBEVILLE	6				10	.40	.03	2.83	.01		. 24	. 15		.04	.02			.01		11						1
WNISTON CAA AIRPORT	//	1	Ť	. 08	. 04	. 03	05	2.03	.15		Ĭ			. 14	•	•	•	•	•	. 11						
BURN SCS 10 ERRY						0.3			. 13	01	0.1						.11	.38	00	20					0.5	
EXAR 2 SE IRMINGHAM WB AP						.01				. 01	01	. 02	.05	0.0	0.1	24	5.0	0.0	. 08	. 32				.01	.05	
DAZ ADEVILLE NO 2		0.0		.07	.12	. 01	.02	.01	* 0	. 03	.01	. 12	.01	, 28	.01	. 24	. 52	. 02		. 01				. 01		1.
OTHAN CAA AIRPORT		.01	.15	.06	. 04	. 05	. 28	*	.10	.62	.01	.01	.08	*		*	*	٠		*		*	*	*		1.
AT ROCK	6	0.0		•				.09	.03	. 28	.02	. 10	.22	.05	.06	.03	•	.02	•	.07	. 03	.19	.02	•	•	1.
RT PAYNE REENVILLE NO 2		.02			. 12	. 16	. 06	. 47	.60	. 17	.25	. 43	.05	. 17	.01	. 01	.04		.02	. 04	.02	. 08	. 01	. 01		2
INTERSVILLE CITY W WKS		.20									.03				.06											
UNTSVILLE WB AWY	6	.56	.03	.37	1.07	, 46	.01	.01			.05	.09	.07	.01	. 07		.12	.06			*	•	•	*	*	2.
AY DAM AGNOLIA								. 03	.06	.01														. 01	. 01	
ARION 1 SSE IDWAY		•	٠	•	, 04	.01	.05	.05	•	*	•	.05	*	.01	*	.01	*	*	*	*	•	•	*	٠	•	
DBILE WB AIRPORT ONTGOMERY WB AP	6								.01	, 01	.02				*	*	٠		*	. 01	*	*	*	*	٠	
SCLE SHOALS CAA AP W BROCKTON	6	.12	.13	. 20	.20	.15	10	.10	.13	.09	.08	.07	,01			. 02	.02			. 01						1
INT ROCK EASANT HILL				.01	. 01										.01								. 03	.15	. 02	
VER FALLS 2 NE HORSBY 1 SW				.01		. 07	.01	.01	.13	.03	.20	.03	.10	,05					. 01	. 04	.14	,01		. 01	. 01	
NEY OY		.02	. 05	.06	.12	, 05	.06	.02	.04	, 03	, 05	. 02	. 01	.01									.30	. 01		
SCALOOSA CAA AP DOWS CREEK STM PL	6		, 22	, 0					,					, 65	.02	.11			. 09	. 04	*		*	.17	*	1
DONG UNDER SIE PL		. 40	, 22										0		.02				, 55	, 5%						1
DEUTITE													-2	d-												
BEVILLE DISON									-	_	-	_	~	.01	-	-	-	-	-	-	-	-	-	-	-	
NISTON CAA AIRPORT HLAND	6			0.0	1.0	0.5		0.0	.00	1.7	0.2	•	•	.03	0.5	20	0.0	2.4								
MORE STATE FARM LGREEN				. 22	.10	. 05	.01	.02	.06	.17	. 03			. 02		.32	. 28	. 34		.06	.05					1
RRY XAR 2 SE		.01		.02	.05	.05	. 73	.27	. 01		.01	.02		.02	.01	.09		. 24	.08	.06	, 01	.01				1
RMINGHAM WB AP AZ		.02	.05							. 01	. 01															
MPBELL THAN CAA AIRPORT					. 03	. 23		.44	. 01		. 37	,01	.06		.35		. 01									2
TAW LOCK NO 7 ERGREEN CAA AP	6	.02		*				2.37			٠	.01	, 04	. 03	.01	.41	. 12	.02		.20						3
AT ROCK ORT MORGAN			.45	.03	. 01				.07	. 11	.01	.15	.08		.32	. 19					.17	.01				1
RDEN CITY REENVILLE NO 2															. 14					. 04	.05					
NTERSVILLE CITY W WKS LEYVILLE			, 29										, 01	.22					.05	.10	. 03				.01	
INTSVILLE WB AWY	6	1,48	*	.01	.10	. 38	.47	.30	.25	.06	*	,82	.12	.13	. 13	. 05	. 01									3
CKSONVILLE Y DAM		. 01								.01								. 03	.03	.03	.01	. 01	.01			
GNOLIA RION 1 SSE		*	.01			.11	.03	.01	.01			.01			.01	. 33								*	.89	
DWAY DBILE WB AIRPORT	6	. 11						2,20						1.41	.22					1.70						
BILE WB CITY ONTGOMERY WB AP	6	. 11		1.31	.71	. 58	. 11		. 01	.13	. 01		.29	.02	.49		,88	.18		1.70	.02	.34	.01			6
DULTON	6							0.2						. 23	.07			, 22	.06							
SCLE SHOALS CAA AP W BROCKTON	6		*		*	•	•	. 02	•	-	•	•	*	.01	. 14	. 01										
INT ROCK			.20	.06	.05	.01											.04	. 15			.01					
EASANT HILL VER FALLS 2 NE									-	-	-		*	4	*	+	*			*	*	*	*	*	.06	
ORSBY 1 SW		.02	.07	.11		.01												. 28	. 01	.02						
AFFORD JSCALOOSA CAA AP	6	. 01									٠			.02		*				.80	. 14					
IVERSITY RNON				.01	.02	.02	. 04	.02							. 04	, 01	.05	. 08	.18	. 02						1
DOWS CREEK STM PL			.02										- 0	_]												
													-3	a-												
SHLAND EXAR 2 SE	//							. 01	.01																. 01	
IRMINGHAM WB AP				.01																				.02	.09	
ACKSONVILLE OBILE WB AIRPORT	6	. 23													. 23											
JSCALOOSA CAA AP	6	, 53														*	*	*	.07	.15	. 03	•	٠	6	. 04	
													-4	th-												
SHLAND	//																		, 11	.48	. 64	.03	. 01			
EXAR 2 SE ADEVILLE NO 2	. /														.04	.01		.05	.01			, , , ,				
ARDEN CITY USCALOOSA CAA AP	6	.38														. 34		, 50	, 74							
NIVERSITY ERNON	Ü	.02						.01								. 05										
EARLY STATE OF THE														,		,03										
											00	00		th-	4.4	0.4	0.2	0.0	0.4	. 07	1.4	10	. 03		.05	
DDENIIIE											.03	. 22	.21	.18	. 11	. 21	.03	. 02	.03						.01	
NNISTON CAA AIRPORT	6																									
BREVILLE NNISTON CAA AIRPORT SSHLAND	//																. 20	.05	.03	.05	,00	.05	.01	.10		
NNISTON CAA AIRPORT SHLAND	6																. 20	.05	,03	.05	,00	.05	.10	.10 .01 .01	.04	

ble 4-Continued

						A. 1	M. Hou	ır əndi	ing									P. 1	M. Hou	ır əndi	ng					-
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Tota
AMPRELL ADEVILLE NO 2 OTHAN CAA AIRPORT UTAW LOCK NO 7		4											. 26	.01	.03	. 15	. 06	. 03	.07	.04	.01	.01	.01	.04 .04 .01	.02 .10 .04	.07 .26 .70
VERGREEN CAA AP ARDEN CITY REENVILLE NO 2 ALEYVILLE ACKSONVILLE AY DAM	6			-															.01	٠	,04	.06	. 02	.13	.16	.15 .28 •
AGNOLIA ARION 1 SSE IDWAY ONTGOMERY WB AP EW BROCKTON ETERMAN	6										. 03	.05	. 03	.01		. 06	.01	.10	.10	.03 .01 .02	.02	.07	.01 .16 .05 .28	.01 .13 .02 .01 .02	.11 .03 .02 .01 .01	.12 .17 .52 .28 .83
IVER FALLS 2 NE HORSBY 1 SW RAFFORD ROY															*					.04	.01	.10	.10	.05	.04	.14
USCALOOSA CAA AP NIVERSITY	6												- 7	th-						.01	,01	•	*	.02	.21	. 25
BBEVILLE NNISTON CAA AIRPORT SHLAND TMORE STATE FARM UBURN SCS 10	6	.01 .23 .05	.19	.10	.03	.30	.02 * .13 .05	.79	.05	* ,33	.06	* ,08	.04	.84		.06	.06	.02	.01	.30	.01				1	.15 1.60 .25 .30
ELGREEN ERRY EXAR 2 SE IRMINGHAM WB AP OAZ AMPBELL ADEVILLE NO 2		.02 .17 .02 .01	.08 .02 .05 .01	.04 .03 .01	.06 .11 .10 .02 .04	.08 .25 .03 .08	.06 .21 .13 .05 .02 .07	.14 .06 .01 .04	.08 .08 .04 .20 .02	.01 .08 .03	.09 .01 .04 .12 .02	.15 .01 .21 .11	.04 .12 .01 .08 .22 .01	.05 .04 .02 .01 .18	.27 .02 .01 .20	.21 .01 .15	.11 .04 .06 .01 .13	.08 .01 .01 .01	.02	.04	.01 .02 .01 .06	.01	.03	.01	.01	.95 1.56 .82 .74 2.08 .54
OTHAN CAA AIRPORT UTAW LOCK NO 7 VERGREEN CAA AP LAT ROCK ORT PAYNE ARDEN CITY REENVILLE NO 2	6	.01	.01	.01	.02	.04	.06 .05 * .38 .20	.01 * .35 .15 .37	.12 .08 .05	.08	.19	.48 .14 .15	.33 * .31 .32 .28	.02	.42 .17 .08	.32 .12 .11	.11 .15 .20	.11 .09 .10	.03 .12 .05	.06 .19 .04	.01 .21 .01	.03 .22 .01	.12	.05	.01	.15 1.11 3.17 2.99 1.32 1.25
UNTERSVILLE CITY W WKS UNTSVILLE WB AWY ACKSON LOCK 1 ACKSONVILLE AY DAM AGNOLIA ARION 1 SSE	6	.01	.04	.04 .02 .32 .02	.01 .05 .17 .01	.04 .08 .02 .01	.03 .31 .08 .01	.04 .07 .13 .02	.11 * .01 .08 .05 .07	.31 * .02 .10 .04	.12 * .01 .12 .18 .33 .08	.08 • .12 .06	.10	.10 .76 .11 .01 .02	.11	.06	.04	.07	.05 .Q1	.11	.02	.03	,04	.01	•	2.00 .20 1.55 1.16 .69 2,50
IDWAY OBILE WB AIRPORT OBILE WB CITY ONTGOMERY WB AP OULTON USCLE SHOALS CAA AP	6 6	. 69	.14	.15	.18	.41	.86	.01	, 02	. 07	.03	.01	.02	.01	.10	.05	.01	.01	.02	.01	.03	.06	.01	.01		.55 .01 2.80 .81
EW BROCKTON AINT ROCK ETERMAN LEASANT HILL IVER FALLS 2 NE HORSBY 1 SW		.05	.11 .05 .02 .06	.18 .06 .04 .11	.01 .03 .01 .37 .43	.03 .10 .01 .03	.06 .03 .26 .04 .02	.07 .04 .32 .04	.08 .03 .10 .02	.01	.02 .22 .03 .03	.08 .01 .01	.05 .01 .01	.01		.15	.11	. 22	.12		,15		. 19		.10	.80 2.39 .35 .67 .80
ONEY RAFFORD USCALOOSA CAA AP NIVERSITY ERNOW IDOWS CREEK SAM PL	6	.15	.01	.01	.01 * .11 .16	.01 .09 .34 .05	.01 * .15 .30	.65 .12 .17	.04	.08	.29 .01 * .05 .14	.01 .19 * .01 .02 .05	.19	.03	.15 .09 * .03 .12 .40	.08 .09 .01 .08	.05	.03	.01	.01	.01	.01	.02	.10		1.73 .82 .88 2.15 3.70
NNISTON CAA AIRPORT SHLAND UBURN SCS 10	6			. 13	. 01		. 01				٠		-8	th-	•	* ;		٠	* (.04	.01				.01	.05
ELGREEN ERRY EXAR 2 SE IRMINGHAM WB AP DAZ			, 01	. 13	. 01		. 01				.02		.07		.01	. 01		.19	.05	. 04		.01	.01	.01	.03 .01 .02	.39 .09 .05 .02
ADEVILLE NO 2 LAT ROCK ORT PAYNE ARDEN CITY UNTSVILLE WB AWY ACKSONVILLE	6	.01 .04 .01	.02	.01	,01 ,08 ,03	,01	,03	.06 .10 .04 .01		. 02	•	•	.01	.01	.02	.01	.01			.03				.01		.10 .22 .28 .06
AGNOLIA IDWAY OBILE WB AIRPORT ONTGOMERY WB AP	6	, 01					, 03			.01 .06	.01	.01	.01	.01	.01	.01										. 06 . 06 . 03 . 01
OULTON USCLE SHOALS CAA AP AINT ROCK ONEY ROY USCALOOSA CAA AP	6	.09 .04 .04	.05	.02	٠		.13	٠	2.12	.01				.02					.03	.01			.02			.16 .31 2.12
MIVERSITY ERNON IDOWS CREEK STM PL		.01			.02	.01	.01		.01		,01		_9	th-					.02	. 03	, 04	.01	. 02		1	.03 .14 .20
NNISTON CAA AIRPOBT SHLAND ELGREEN ERRY	6	60	04	04	.14	.15	.11	.05	.07	. 03	. 01		.01		٠	•	.02	. 07	.04	.05	.04	٠		.01	.01	.30 .07 .54
EXAR 2 SE IRMINGHAM WB AP OAZ UTAW LOCK KO 7 LAT ROCK ORT PAYNE		.02	, 04	,04	,03	.08	.01	.02	.05		.03		,01		. 15	. 08	.01	.04	.01		.01	.46	.10	. 01		.06 .21 .04 .80
ARDEN CITY UNTERSVILLE CITY W WKS ALEYVILLE UNTSVILLE WB AWY	6	٠	.01		0 0	•	.03	.02	0	.01		۰	٠	.10				.01	.01							.09 .11 1.31

HOURLY PRECIPITATION

ALABAMA SEPTEMBER 1950

Table 4–Continued			-	-	-	A. N	A. How	endir	ıg		_							P. N	A. Hou	r endi	ng			SEPT	EMBER	R 1950
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
JACKSONVILLE					4			01	- ^		-		+-		. 1	+				. 02	.11		. 01	.02	. 01	
MOULTON MUSCLE SHOALS CAA AP	6						.06	.06	.02	.01				.20				*	*	.01	. 01	.01	. 01			. 16
PAINT ROCK THORSBY 1 SW						.12	,03	.02	.02	.06	.01	.01						.04	.05	. 04	. 04					.35
TRAFFORD TUSCALOOSA CAA AP	6	.01				.02		.02	.05		.01	.01	. 01				.01		.04							.09
UNIVERSITY VERNON WIDOWS CREEK STM PL			.01	.05		.05	.02	. 01														.10	12	. 28	02	.11
WIDOWS CREEK SIM PD													-10	th-								.10	.16	, 20	.02	. 52
ANNISTON CAA AIRPORT ASHLAND	6	. 20													*	*	*	*	* 01	.35						, 02
BERRY BEXAR 2 SE			.01		.01																					. 01
BIRMINGHAM WB AP BOAZ FLAT ROCK			.01	.06	.05	.13	.06				.01				.05											. 05
FORT PAYNE HUNTSVILLE WB AWY	6	.01	.04	.16	*	*		.03								0.0	1 04									. 43
JACKSONVILLE MOBILE WB AIRPORT PAINT ROCK	6							,01			.01		. 19	.12		.02	1.04				*	٠	٠	*	*	1.07
WIDOWS CREEK STM PL							.17						-11:		,03	,38	. 01									. 59
ANNISTON CAA AIRPORT	6												11,								*					
ASHLAND AUBURN SCS 10	//				.02								3	.30										. 17		.17
BELGREEN BEXAR 2 SE BIRMINGHAM WB AP					.02														. 22	.04	.02					. 06
BOAZ CAMPBELL DADEVILLE NO 2			. 01												, 25	.01	, 08	.01			. 13	.08			.16	. 27 . 48 . 37
EUTAW LOCK NO 7 FORT PAYNE																					. 01	.05	.01		.10	.06
GARDEN CITY GUNTERSVILLE CITY W WKS HUNTSVILLE WB AWY	6												٠	.02 .51 .10					. 03	.05						. 02
JACKSON LOCK 1 JACKSONVILLE	O													,10			.05	. 04	1	1		.01	.02			.10
MOBILE WB AIRPORT	6	.42																					.11			. 11
MOBILE WB CITY MOULTON MUSCLE SHOALS CAA AP	6								٠			*	*	.06						.06			.02			.06
TRAFFORD WIDOWS CREEK STM PL																, 34					.01					.01
													-12	th-												
ANNISTON CAA AIRPORT ASHLAND DADEVILLE NO 2	//	.04					. 01	.01		.01				.15	.35											. 02
EUTAW LOCK NO 7 GARDEN CITY					.20	. 03									.14		27	0.5		.01	.01					. 53
JACKSONVILLE LAY DAM MIDWAY																. 03	.02	, 05								.16 .42 .05 .10 .53
MOBILE WB CITY MONTGOMERY WB AP	6													20	. 04	,47	.47	. 06								. 53
PAINT ROCK THORSBY 1 SW WIDOWS CREEK STM PL														.07	.01											. 24
													- 13													
BELGREEN CAMPBELL															0.0	, 04	.06									.06
EUTAW LOCK NO 7 FORT MORGAN JACKSON LOCK 1	//													,01	.06	.21	.12	,02								.33
MOBILE WB AIRPORT MOBILE WB CITY	6														٠	.12	.18	.10	*	.11						. 12
MOULTON PAINT ROCK TONEY																	, 10	.10	.50	. 15						.15
WIDOWS CREEK STM PL													-14	th-					*	*		*	.01			. 01
GUNTERSVILLE CITY W WKS																				. 22		٠				. 22
HUNTSVILLE WB AWY MOULTON MUSCLE SHOALS CAA AP	6							.03						.01												. 03
PAINT ROCK WIDOWS CREEK STM PL																*	.02	*	*	, 65	*		. 01			. 67
													-15	th-												
HUNTSVILLE WB AWY	6	, 11											16	+h_												
ADDISON		_	_	_	_	_	_	_	_				-16	III—												- 15
CAMPBELL JACKSON LOCK 1 MOBILE WB AIRPORT	6													.06			.38	.06	.09	.03						. 15
MOBILE WB CITY PETERMAN .	J												.02							.06			.01	. 01	. 01	. 33
WIDOWS CREEK STM PL		. 01											-17	th-												10,
ABBEVILLE																.05	.18									. 23
ASHLAND	//										1		,06	.04												.35
ATMORE STATE FARM AUBURN SCS 10											.14		.55		.19	.15		.01		1						.10 .35 .55 .68

See reference notes following Station Index.

HOURLY PRECIPITATION

Station						A.)	И. Ног	ır endi	ng									P. b	d. Hou	ır endi	ng				
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
PBELL									.01	. 01	. 01			.04	. 02										
EVILLE NO 2 TAW LOCK NO 7										.02		.01	. 15	.45	. 02			. 01							
ERGREEN CAA AP	6														*	*	*	9		.37					
CKSON LOCK 1														.04	. 09	.01		.02							
POAM RION 1 SSE												.35	1.38	.07	.06	.01	. 03								
WAY													1,30	. 02	.33										
BILE WB AIRPORT	6															*	.14		*	.04					
TGOMERY WB AP	6												.01												
ERMAN RSBY 1 SW												,92	.38	.77	.19										
Y CALOOSA CAA AP	6													. 05	1.72	.12									
VERSITY								.14	. 05	.10	. 08	.04		, 53											
NON					.01	.02	.13	.18	.19	.04	.01		10	1											
												-	-18	th-											
ASANT HILL												-	-			_		_	_		_	_	_	_	_
													01	7 -1											
													-4	2d-											
EVILLE ORE STATE FARM															.10	.18	. 01				.01				
URN SCS 10												. 23				.41									
GREEN RY						. 04		.10																	
MINGHAM WB AP							.02		.08																
Z EVILLE NO 2							. 09	.18	.01		.03	.01	. 03	.01											
HAN CAA AIRPORT											. 50	, 02					.46			b		.01	. 03	.01	
AW LOCK NO 7 RGREEN CAA AP	6	*	*		*	*	*	.02												.17					
T ROCK			.03	.03	.01	.29	.02	.10	.08														- 00	0.5	0.0
T MORGAN T PAYNE	//						.07																.03	.01	. 01
DEN CITY		*	*	*		8	*	*				0	.10	1.9	00								-		
ENVILLE NO 2 TSVILLE WB AWY	6			0		9		.79							.02										
KSON LOCK 1 KSONVILLE									04					.01											
DAM								.05	.01		.08														
WAY ILE WB AIRPORT	6													*	*	*		*	.15	.02					
ILE WB CITY																	.17	.06		.02					
TGOMERY WB AP	6			.06	.02		. 01						.08												
BROCKTON				.00												.08	.01	.01	.01		.25				
NT ROCE ERMAN					.02	1.10	.02							, 51	.01										
RSBY 1 SW											.10	.12		, 52	101										
EY FFORD		.04								.01	.01	. 01													
Ψ .																		.10	,01						
CALOOSA CAA AP VERSITY	6						, 16	.01						.19											
OWS CREEK STM PL				.10			.01	,04																	
													-24	th-											
nw														LII											
RY																			-	-	-	-	-	-	
												_	-26	th-		1			I				1		
IPBELL									_	_		-	-	-	-	-	_	-	-	_	-	-	-	_	-
RT MORGAN	//											-	-		-	-	***	-	-	-	-	-	-	-	-
EASANT HILL		-	-	-	-	-		-	-	-	-	-													
												-	-27	7th-											
XAR 2 SE														.02	.07		. 01	.04	Į.				1		
BILE WB AIRPORT BILE WB CITY RNOW	6									*			.01	.14		. 01	*	*	*	.02					
RNON													.01			, 01		.01	.02						
OOWS CREEK STM PL																				.01					
												_	-28	th-											
BEVILLE													20	LLL									.06		
RMINGHAM WB AP				.01		.01																			
MPBELL		-	-	**	-		-	-	-	00		-	**			-	-	-	~	-	-				
												-	-29	th-											
NISTON CAA AIRPORT	6															+	*	v		. 03					
HLAND	//								00	0.0	04			. 03	.09	, 18	.35		, 02				.01	.01	.01
WORE STATE FARM KAR 2 SE									. 09	. 02	.01	.10	. 02		.01										
RMINGHAM WB AP				-		.01	.06	.06																	
IZ IPBELL		*	.01		.01						0		. 09												
DEVILLE NO 2			.11				0.0		.01		0.4		.05	. 04	. 02	. 04									
TAW LOCK NO 7 ERGREEN CAA AP	6						.01	.01	.04	٠	. 04	. 04		.13		. 07	. 03								
T ROCK													.02												
RDEN CITY SEMVILLE NO 2							. 08	.22	.13	.18															
LEYVILLE										.37	. 01			.04	.01	.01									
EKSON LOCE 1			.01	.05	.18	.10	.17	.01	.01	.01	. 08	. 11	. 03	. 01	.04	.01									
HOLIA		. 01		.00	. 10	. 20		, 02																	
ION 1 SSE ILE WB AIRPORT	6								4	*		*	*			*	*	*	. 25						
HE WE CITY								-				-									.01				
TGOMERY WE AP BROCKTOW	6				. 01	.01	.04		, 18	1.31	1.08	. 39	1.63	.17											
TERMAN									.07	, 05	. 01														
EASANT HILL		. 02	.02				. 03																		
							. 00			*		*	. 51												
ER FALLS 2 WE DRSBY 1 SW								,04	.02	.01							. 01	.03							
ER FALLS 2 ME RSBY 1 SW FFORD Y							.11												- 1						

See reference notes following Station Index.

Table 4-Continued

HOURLY PRECIPITATION

ALABAMA SEPTEMBER 1950

Table 4-Continued																						551	LIEMBEI	1930
				A. M	. Hou	r endir	ng									P	. м. н							Teg.
Station	1 2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	1 6	7	8		1	11	12	Tol
UNIVERSITY VERNON			.01	. 01					. 05		-30	th-												.02
BERRY BEXAR 2 SE FORT MORGAN MOBILE WB AIRPORT	53		-	-	-	-	-	-	-	. 01	-	-	-	-	-	-	-	-	-	-	-	-	-	. 01

	-	-	*					**	-		_					_										-		-		-	-		
Station		1	2	3	4	5	6	7	8	9	10	11	12	13			of mo	nth 17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
BERTVILLE 1 S	MAX	86 69	89	87 67	88	86	80 52	77 59		74 59	76 58	76 58	83	84 56	85 63	86	84	83 57	64 58	85 58	8.5 59	82 59	83 58	81.		79,	74 48	76 48	76. 56	72 62	72 62		81.2 58.7
EXANDER CTY 6 NE	MAX.	80	88	90	90	84	75	65	71 62	81	81	87 62	85 62	87	86	84	86	83	85 57	84	88 57	85 58	85	79	82 50	78 52	77	79 50	71 56	67	79 61		81.4
DALUSA	MAX	85 73	83 73	88	88	88	86 64	72 60	71 61	77	85 64	88.	90	90	91	89	88 65	90	90	90	88 65	89 65	90	90	83 59	85	81	82 63	79 61	77 65	77		85.0 65.2
MISTON CAA AIRPORT	MAX MIN	86 72	88 72	91	89	84 65	73 57	66 59	72 64	80 64	80	85 65	87 65	87 60	87 63	82 63	84 59	76 63	86	86	88	85	85	79 55	80 52	80	80 47	75 57	71 57	73 63	83 65		81.6 61.4
MORE STATE FARM	MAX	86	85 73	90	90 68	89	85	68 61	75 60	85 61	86	92 64	90	91	90	90	92 67	95 68	93 65	91 66	92 65	89	93	81 63	85 59	85 60	80 60	78	79	76 66	79 67		86 0 65.6
BURN	MAX MIN	78 68	83 72	88 70	88	89 70	82, 60,	65 58	70 60	73 59	80 61	83 65	85 64	86	85 65	87 64	85 61	85 66	86 62	84 63	85 62	89	86 66	83	78 56	82 58	76 57	79 57	78 57	68 59	72 64		81.3 62.5
/ MINETTE	MAX	87 70	80 73	90 69	90 67	88 71	80 65	68 60	74	85 63	88	91 67	92 66	91 70	89 69	90 67	91 68	92 67	93 65	90 67	91 67	90 67	92 70	88 63	85 60	86	82 60	75 67	81 65	76 66	78 67		85.8 66.0
LE MINA 2 N	MAX	85 70	87 70	93 65	93 66	85 59	77, 49	75 58	70	70 60	81 62	84 60	86 60	87 58	87 58	81 56	79 56	86 59	87 60	67 59	88 58	87 62	80 67	79 60	77 53	77 40	76 48	74 55	72 57	71 57	77 60		81.3 58.7
IMINGHAW WB A32	MAX MIN.	80	89 72	91 69	91 70	67	75 59	67	71 62	72 63	79 65	86 64	87 64	8 6 62	84 64	81 63	84 61	79 62	86 60	86,	87 62	84 64	82 62	76 58	79 53	78 54	78 54	75 61	75 60	73 63	82 65		80.9 62.7
ININGEAM WB CITY	MAX	79	90	94 69	94 71	87 68	81 58	71 59	71 62	70 63	81	86	90	89 65	86 66	83 64	86	81 67	90 63	89	90 66	85 65	84 65	79 59	83 57	81 54	81 53	77 61	78 60	73 64	85 65		83.1 63.9
WTON 3 SSE	MAX	85 72	90	92 69	90 65	89 71	85 64	68	80 61	86 57	88 59	91 62	91 64	92 63	90	90 63	93 63	94 64	93 64	90 67	91 65	90	92 65	84 61	86 55	83 53	81 57	80	78 63	78 66	77 69		86.6 63.6
IDEN	MAX	87 73	87	90	90	88	80 63	68	70 62	83 61	84 68	90	87 66	90 67	89	87 65	92 65	86 66	89 63	90	90 63	89	90	82 59	85 57	82 55	83 56	78 54	73 62	72 64	77		84 3 64,4
OP HILL 2 NW	MAX	82	88	90	88	87	70	67	71	80	82	88	87 65	87 62	86 63	88 64	88 62	84 59	87 64	88 65	88 65	88 68	84 69	82 58	82 56	80 53	80 49	77 56	74 65	70 62	72 63		82.2
TREVILLE	MAX	89 73	88 75	90 72	88 69	90 70	87 62	75 58	69 62	70 63	78 66	84 66	90 70	90 67	89	88 64	85 68	90 68	79 66	88 68	90	90 86	89 70	85 58	80 60	79 57	80 55	78 61	75 62	75 64	71 65		83.3 65.3
CPOM .	MAX	90 67	79 72	92 67	92 66	88 71	79 63	78 61	75 60	86 60	87 68	92 62	91 63	92 69	88 69	89 67	91 64	91 63	93 62	90 62	91 61	91 62	89 68	82 59	85 55	87 59	83 56	78 66	79 64	72 64	78 65		85.9 63.8
RONELLE	MAX	89 72	79 73	90 71	89 70	84 72	80 65	70 61	72 59	85 63	87 68	90 68	89 66	89	88	89 71	91 70	92 75	91 67	92 69	91 69	90 71	92 71	83 64	84 61	87 59	85 64	75 69	80 56	73 64	78 67		85.1 67.2
ROTH	MAX	87 74	81 73	87 68	89 71	89 69	85 60	72 59	67 60	69 63	81 63	83 65	87 65	88 63	87 65	87 63	83 61	85 65	77 60	85 63	85 61	87 64	87 66	84 57	78 55	81 54	77 52	79 57	73 59	70 60	70 64		81.3 62.6
DOVA	MAX	83 72	90 70	91 70	91 68	84 58	84 50	70 60	71 63	80 67	81 65	87 62	89 64	89 65	85 64	79 63	85 62	81 63	88 60	89 61	89 61	84 64	84 69	79 55	78 52	81 44	79 49	77 60	77 61	76 63	84 64		82.8 61.6
NOT	MAX	88 70	86	90 69	92	85 69	78 60	63 60	71 63	81 63	84 68	88 67	90 66	90 62	85 67	85 65	88 65	80 67	92 62	90 67	91 66	90 67	88 71	78 59	83 56	81 58	81 57	76 63	76 63	72 63	78 67		83.3 64.8
ATUR	MAX	87 73	89	89	88	77 63	78 55	72 63	71 63	68 64	77 65	81 65	84 65	83 64	79 64	73 61	76 61	79 66	86 62	88 65	88 65	80 70	79 70	76 60	73 55	76 47	77 55	75 62	73 62	75 64	81 66		79.3 63.6
HAN CAA AIRPORT	MAX	85 72	89 71	90	89 70	87 67	68 57	69 59	83 62	86 59	89 61	91 64	91 69	93 66	93 68	91 68	91 64	93 66	91 64	93 64	92 66	92 63	94 69	85 63	85 60	81 62	82 60	82 60	78 60	77 65	79 66		86.3 64.5
AULA	MAX	85 73	94 72	93 69	93 71	85 72	74 61	69 59	77 63	82 60	86 61	89 65	89 66	92 64	93	96 67	90	93 66	93 63	91 63	91 63	90 63	91 67	85	88 57	84 59	84 54	83 56	74 57	76 63	80 64		86.3 63.5
RGREEN CAA AP	MAX	81 72	89	91	91 67	88	74 60	66 59	76 58	85 56	87 57	90 62	90 63	90 63	89. 65	88 62	93 62	91 64	90 61	90 61	91 59	90 63	91 65	81 60	84 57	83 57	83 59	80 54	76 61	75 64	76 67		85.0 62.1
RHOPE	MAX	88	84 . 72	90 69	92 67	90 71	85 65	73 60	76 60	85 61	67 63	90 65	89 66	90 69	8 9 68	89 65	91 68	92 66	93 65	91 67	90 65	89 66	90	84 63	86 58	86	83 61	76 66	81 64	79 65	79 66		86.2 65.3
EITE	MAX	82 ! 67	88	86 64	91	92 63	80 53	80 57	64 57	69 61	70 61	82 62	87 62	88 61	87 60	84 61	77 61	87 65	80 57	90 60	89 57	87 62	85 65	82 54	80 50	80 45	79 51	80 57	73 60	75 61	75 63		81.6 59.8
T MORGAR	MAX	85 75	85 73	88 76	93 73	88 75	82 70	74 64	78 63	83 65	85 74	87 75	86 75	88 76	89 73	86 · 74	88 75	92 73	87 73	89 75	89 73	88	87 76	85 73	85 69	85 67	82 68	78 73	81 69	80	81 70		85.1 72.0
SCO CITY	MAX	88		87 69	89 67	91 69	89 63	76 56	65 59	72 59	85 62	85 64	90 64	91 66	90 66	91 67	91 65	92 67	92 64	90 66	90 63	90 66	88	90 60	84 54	84 57	83 60	82 65	76 62	76 64	72 65		85,1 64,1
SDEE	MAX	86 72	83 72	90 66	92 68	92 69	82 54	76 60	60	72 64	74 64	80 63	83 62	86 62	86 62	87 62	82 58	85 64	82 58	85 57	87 57	88 58	85 65	84 53	78 52	78 49	76 47	77 47	74 57	70 59	74 63		81.3 60.1
EVA	MAX	84 71	81 71	91 69	91 70	92 68	86 63	70 59	69	81 58	61	88 62	90 66	92 65	93 68	92 67	91 63	93 63	92 63	92 63	90 64	91 63	91 65	93	85 58	87 62	83 61	84 62	83 61	79 62	80 67		86.7 64 0
DWATER	XAM		80 72	88 70	89 71	87 68	83 59	67 58	64 60	70 63	81 64	80 65	85 64	86 63	87 65		83 60	65 65	80 63	85 62	84 59	88 61	88 67	85 56	77 59	81 57	78 52	80 55	73 58	68 59	67 63		80,6 62.4
SEMAITTE	MAX	80 71	88 70	91 70	86 71	87 71	79 60	65 57	72 60	83 65	82 66	88 64	88 63	89 65	88 66	87 69	89 69	80 62	88 62	67 62	89 63	87 63	69	81 67	63 60	79 56	80 54	77 59	75 59	71 63	73 64		82.7 64. 0
ETVILLE	MAX	84 65	85 70	88 63	85 66	81 57	78 54	73 55	68 58	66 58	72 58	81 62	83 60	85 65	78 60	75 57	81 58	81 60	83 58	84 62	81 62	79 64	77 66	73 54	70 54	75 43	75 50	70 56	77 56	73 59	86 59		78.2 59.0
BLAND HOME	MAX	82 72	87 72	89 70	88 71	84 69	78 62	65 59	75 62	84 61	80 63	88 65	89 66		87 70	85 67	89 63	87 63	87 65	89 66	90 66	68		82 62	89 58	80 55	76 58	75 58	72 63	75 65	74 65		82.9 64.5
STSVILLE WE AWY	MAX	87 71	87 68	90 67	87 69	78 60	78 57	66 59	70 64	68 63	79 62	83 61	84 62	85 61	79 62			81 62	85 58	85 61	87 58		78 60		74 51	78 45	76 55	76 62	73 60	75 65	81 67		79.6 60.9
FATETTE	MAX	85 71	89 70	90 67	96 69	82 68	72 58	6 5	72 62	79 62	60 83	88 65	87 64		88			86 60	81 60	86 61	61	85 63			82 56	7.6 54	76 52	77 53	67 55	61	74 62		81 5 61,6
ERHART	MAX	84 73	82 74	88 69		88	85 69	71 60	68 61	80. 59	84 62	88 65	89 69	90 68		90 68		90 67	91 65	90 67	89 65	91 65	90		60	85 62	82 59	80 63			78 67		85.2 85.7
DISON	MAX	85 72	84 73	88 73	92 74	89 63	77 54	79 62	65 64	72 64	68	79 65	82 64		86 62			77 63	83 62	87 63	88 65	88 66	80 68		77 58	74 48	78 49	77 54		75 60	76 65		80.1 62.4
TION JUNCTION 2 NF	MAX MIN	87 72	82	90	90 70	87 70		59	70 63	83 63	85 67	89 66	89 65		89 63	89 65	88 62	78 65	61	63	62	90 64	86 69		55	53	56	77 62		65	79 67		83.4 63.9
WELL FIELD	MAX	85 76	91 75	92 72	93 75	87 72	79 61	69	79 65	85 65	85	88 70	87 70	90 68	88	85 68		82 70	85 65		90 67	69		62			59	63		71	67		83 8 86,9
										See	refere	7.00 P	ntee fo	llowin	no Sta	ton I	nder														1		

D	Δ	II	Y	TEN	MPE	RA	TI	R	ES
1.7.	\sim	بالبال	. 4.	1 1 1	VIII III			-11	1500

ALABAMA SEPTEMBER 1950

Tab	10	5.0	"AD	4	110	a

Table 5-Continued				_																											PRIDER	K 1950
Station			,			,										Day	of mo	nth														Average
	,	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30 31	Ave
MOBILE WB AIRPORT	MAX					89 73	81 66	71 59	74 59	84 63	87 67	91 68	91 67	90 72	90 70	91 68	90 70	93 69	93 68	92 70	91 69	88 69	92 72	84 65	86 59	87 61	84 66	74 68	82 66	77 67	79 68	86.6
MOBILE WB CITY	MAX	87 73		91 74	91 73	88 74	79 65	70 61	74 61	83 68	84 71	88 72	89 68	88 74	90 72	90 69	86 71	92 69	70	90 72	90 72	88 71	92 74	85 66	83 62	86 61	83 67	75 70	80 67	76 68	79 69	85.1 69.3
MONTGOMERY WB AP	MAX	84 74	91 72	91 69	92 73	88 70	72 60	68 60	73 63	84 62	85 63	89 67	90 68	90 66	89 69	84 67	89 64	85 65	90 62	88 63	91 63	90 65	86 65	80 60	87 58	81 58	82 56	77 60	73 59	72 64	76 66	83.5
MONTGOMERY WB CITY	MAX	82 72	89 74	90 70	90	87	81 64	67 60	70 64	83 63	84 65	87 69	87 69	89 68	88 71	85 69	88 66	84 69	88 65	87	91 66	89 69	86 70	84 63	84 60	78 63	79 58	78 61	76 61	70 65	76 67	83.2
MUSCLE SHOALS CAA AP	MAX	85 70	85 70	93 69	86 68	78 60	75 54	66 61	70 61	70 63	78 64	82 66	85 64	87 63	79 63	71 60	80 61	82 66	87 61	88 64	85 66	82 69	77 61	75 56	71 51	75 44	76 55	70 60	76 61	74 63	80 65	78.9 62.0
ONEONTA	MAX MIN	88 70	80 71		90 65	86 61	86 58	90 57	64 60	75 62	78 63	76 61	86 60	89 59	88 62	83 63	80 57	88 65	82 58	88 58	89 56	90 60	82 66	83 55	80 58	81 50	79 49	80 47	78 58	72 59	72 63	82.5 60.6
OZARK	MAX	81 70	90 71	91 70	89 71	86 72	80 64	68 59	78 62	84 60	87 62	89 66	90 68	91 68	91 70	90 68	89 65	90 69	91 64	87 65	90 66	92 66	93 69	87 61	85 60	81 61	81 55	83 59	77 59	75 63	79 65	85.8 64.8
PRATTVILLE	MAX	82 74	90 72	91 69	91 72	88 72	77 64	68 60	72 64	84 62	84 65	88 67	88 67	88 65	87 68	85 65	88 63	82 67	88 63	89 63	89 61	89 63	87 62	86 61	84 60	80 60	81 57	76 60	73 61	70 65	77 66	83,4 64.6
PUSHMATAHA	MAX	87 68	85 69	85 68	87 68	90 69	82 60	77 61	65 61	73 63	77 68	84 65	85 66	88 66	87 66	84 64	84 66	88 67	79 61	87 63	87 62	88 63	89 70	86 60	82 60	82 52	81 56	76 60	73 63	73 62	71 62	82,1 63,6
ROBERTSDALE 7 E	MAX	85 71	86 73	89 71	91 68	88 71	82 65	70 61	77 60	83 62	86 63	89 63	89 66	89 68	88 68	88 68	89 66	90 67	91 65	88 66	87 69	85 65	88 70	83 64	85 60	84 61	81 64	75 68	80 65	79 66	78 68	84,6
ROCK MILLS	MAX MIN	85 72	89 72	92 66	92 68	84 69	79 58	67 59	73 64	85 60	84 62	87 65	85 63	90 60	89 61	86 59	87 58	81 64	86 57	88 57	89 56	87 57	85 62	82 53	86 55	79 56	80 48	78 55	70 56	72 63	79 64	83.2
SAINT BERNARD	MAX MIN	85 70	82 71	88 65	91 62	89 63	79 52	77 57	64 60	70 61	68 62	78 60	84 62	85 59	85 60	82 59	78 57	84 64	81 57	87 59	88 57	88 61	81 65	80 55	76 56	80 45	79 48	78 55	76 58	76 59	75 62	80.5 59 4
SAND MT STATE PARM AP	MAX MIN	79 71	86 71	89 67	88 67	79 64	75 59	65 56	70 58	71 62	76 64	80 62	83 61	82 61	81 59	75 59	76 56	79 63	81 59	83 60	84 59	80 64	78 64	75 54	74 53	74 47	75 49	72 56	69 56	74 61	79 62	77.7 60.1
COTTSBORO	MAX MIN	80 72	90 72	93 68	92 68	80 65	79 56	68 56	73 60	70 64	81 67	83 64	86 66	87 64	83 68	78 63	78 58	82 63	87 62	88 61	89 63	80 62	81 64	80 58	79 53	79 49	77 48	76 56	74 58	75 58	82 62	81,0 61,6
SELMA	MAX MIN	85 72	94 74	95 69	95 72	94 72	82 63	69 60	72 64	84 62	86 68	91 68	91 68	91 67	90 68	86 66	92 64	84 62	92 65	93 65	92 63	91 65	89 70	81 60	88 57	85 55	86 57	80 63	77 62	74 65	82 67	86,4 65,1
SPRING HILL	MAX	88 70	89 74	79 70	89 70	90 72	88 66	78 62	70 60	74 66	85 70	88 69	89 67	90 71	92 72	89 68			90 67	92 70	90 69		91 69		İ	90 60	86 66	85 70	82 66	80 67		86.0
TALLADEGA	MAX	86 73	89 73	93 67	92 71	86 69	74 57	65 59	71 61	77 63	81 66	85 63	88 63	87 61	86 64	84 62	85 59	75 66	89 58	86 60	89 58	87 60	85 65	79 53	81 53	80 54	81 47	75 60	71 57	71 62	83 64	82.6 61.6
THOMASVILLE	MAX	88 70	81 72	90 69	89 69	85 70	79 62	67 59	69 61	82 61	84 68	87 67	88 64	88 69	85 68	85 65	90 68	84 70	89 65	89 66	88 67	88 68	86 70	78 63	83 58	83 55	81 57	75 64	75 62	72 64	77 66	82.8 65.2
TROY	MAX	81 72	82 70	88 67	90 69	89 70	85 63	69 55	67 60	75 60	84 63	86 65	89 67	88 66	90 62	89 66	86 61	88 67	90	88 64	86 62	89 63	89 69	87 59	80 58	84 58	80 56	80 59	78 58	72 60	75 65	83.5 63.2
TUSCALOOSA CAA AP	MAX MIN	89 71	89 70	93 68	93 70	84 67	78 57	66 59	69 62	71 63	85 64	88 63	91 65	90 65	87 64	84 64	88 63	79 64	90 60	91 63	90 62	90 63	90 62	79 56	81 54	85 49	82 55	76 63	74 63	78 64	83 67	83.8 62.7
TUSKEGEE	MAX	82 73	84 73	89 70	92 72	91 71	85 62	67 59	68 61	73 62	84 64	86 67	87 68	85 65	87 67	87 66	85 63	86 67	85 62	88 64	87 63	88 63	89 68	86 60	80 59	85 59	80 54	83 59	79 58	72 62	72 65	83,1 64,2
UNION SPRINGS	MAX	84 70	89 70	93 66	93 66	87 67	79 60	67 60	72 63	82 63	86 64	89 68	89 69	90 66	90 66	87 60	89 64	89 69	89 64	90 66	92 65	90 66	87 70	82 60	85 58	83 60	83 55	79 58	73 58	76 58	76 65	84.7 64.0
UNIVERSITY	MAX MIN	83 69	84 67	90 66	93 67	83 67	77 60	64 59	68 62	70 63	83 65	91 65	90 67	90 65	85 65	83 63	87 61	78 65	89 60	90 64	90 62	88 64	82 63	75 56	78 54	80 49	79 55	73 62	71 62	75 63	80 65	81.6 62.5
VALLEY HEAD	MAX	85 67	86 71	88 70	89 64	78 60	75 53	65 58	72 60	73 62	82 63	81 62	89 59	86 59	82 60	85 60	80 60	78 60	82 60	84 61	86 65	82 58	80 66	78 62	76 50	76 50	74 48	73 49	73 49	73 50	79 62	79.7 59.3
WETUMPKA	MAX	81 75	89 75	92 70	94 74	86 71	72 64	68 61	70 65	82 64	81 67	87 69	83 69	88 67	88 68	84 66	89 65	81 68	88 62	89 65	89 65	88 65	86 70	81 60	85 58	79 58	80 56	76 61	73 60	69 65	78 67	82.5 65.7
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EVAPORATION AND WIND

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STATION INDEX

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MEN'LL LI DISCON CENTRAL TOWER DEBUTA BEBUTA BERTALLE 1 8 EXANDER CITY 6 MR ICCAVILLE DALUSIA MISTON CAA AIRPORT LEY	0071 0140 0148 0163 0178 0252	LAWRENCE WILCOX WILCOX MARSUALL TALLAPOOSA PICKENS COVINGTOM CALIDUN WINSTON	4 31 34 2 34 13 2 34 25 1 32 14 12 34 16 11 32 59 13 33 08 6 31 19 7 33 35 2 34 04	87 10 87 19 87 25 86 13 85 52 88 10 86 30 85 61	455 1500 175 1114 660	MID TA SA SA SA SA SA SA SA SA SA	J. P. WITCHELL PALMER GODSEY U. S.FCOST SKWYCE S.DNEY J.HANDY GR. J.SSE M. CULT, GR. F. E. BLACKBUEN TH. M. GARRETT TH. AEGO ADB. MESS. LESSIE HILLER	3 4 3 4 3 2 3 5 2 3 5 2 3 5 2 3 4 5	LOCK NO 17 MADDIAGN MAGBLIA MAGNOLIA MARION JUNCTION MARION JUNCTION MARION JUNCTION MARYIN DAM MAXWELL FISLD	4976 4998 5004 5108 5116 5121 5140 5202	PERRY DALLAS DALLAS	12 34 3 33 1 32 3 32 3 32 3 32 11 32	29 87 20 42 86 45 30 86 51 08 87 39 37 87 18 26 87 14 28 87 14 28 85 55 25 86 25 56 88 27	280 573 654 185 263 204 200 340 165	7A 7A 6A M10 6A 8A 6P 6F 6A M10 M10	CORPS OF EMGINEERS ROPERT F. TRUE ALASAMA POWER CO. DR. T. H. GAILLARD O. MYRON BOLIFIELD MENS. MARCARET SMITT! ALA POLY, INST. ALABAMA POWER CO. U.S. ARMY AIR PORCES JOHN R. LAND	2 3 6 3 4 3 4 3 4 2 3 5 3 2 3 5 3
HLAMD HYELLE HENS MORE STATE FARM BURN SCS 10 . TAUGAVILLE HTON Y MINETTE ATRICY	0377 0390 0402 0422 0427 0440	CLAY ST. CLAIR LIMESTONE ESCAMBIA LEE LEE LEE AUTAUGA COLBERT BALDWIN MONPOY	11,33 16 733 50 12 34 48 6 31 10 11 32 36 11 32 36 132 26 12 34 43 9 30 53 1 31 44	87 29 85 30 85 29 86 39 87 52 87 47	463 268	7A 7A 3P 3P 8A 8A 81D 6A 7A 7P 7P	n L Dines	2 3 5	MOERTZ 3 E MIDDAY MILLERS PYRRY MILSTEAD MITCHELL DAM MOBILE WB AIRPORT MOBILE WB AIRPORT MORITS AND MONTSYALLO WONTGOWNY WP TITTORY	5397 5417 5439 5465 5478 5483 5529 5537	BIBB BULLOCK WILCOX WACON CHILTON MOBILE WADISON SHELBY WATISON	4 32 1 32 11 32 7 32	53 87 20 04 85 32 06 87 22 27 85 54 48 86 27 41 88 14 42 88 02 45 86 31 06 86 53 16 80 27	600 490 78 206 350 212 10 1650 462	MID WID MID MID MID MID MID MID MID MID MID M	U.S. FOREST SERVICE MATTER D. HALL NORMAN D. WILLIAMS T. C. CABR ALADAMA POWER CO. U.S. WEATHER BUREAU TWA-SIO M. P. JETER TO BUREAU TWA-SIO M. P. JETER	3 4 3 3 2 3 4 5 2 3 4 5 3 2 7 4
LOREN LLE WIMA 2 M RAY LAR 2 SE LLINGSLEY RMINGHAM WB AIRPORT RMINGHAM WB CITY SHOP AZ ANTLEY	0655 0748 0790 0823 0831 0836 0854	FRANKLIN LIMESTONE FAYETTE MARION AUTAUGA JEFFERSON COLDERT MARSHALL CRENSHAW	.12 34 28 12 34 42 2 33 40 13 34 12 1 32 40 2 33 34 2 33 34 2 33 34 2 34 13 6 31 35	87 36 88 09 86 43 86 45 86 50 88 05	910 800 432 375 610 694 470	MID MID SP SP	TYA-43 ALA. POLY. INST. MISS CLARA R. OLIVE WM. H. WHITEHEAD LLOONARD C. WELDON U.S. WLATHER BURKAU MMS.CARRE B. HORTON TYA-42 MILPORD H. DOOLEY R. E. KENDERSON	3 4 2 3 5 3 4 3 4 3 3 4 5 2 3 4 5 2 3 5 3 4	MONTGOMERY WD CITY MOULTON MUSCLE SHOALS CAA AP MEW L BOCKTON NEW DIMC MEW MARIST MEWION 2 MW ORLOWIN A ORRY LLE OZARK	5625 5749 5842 5847 5862 5875 6121 6161	MONTGOMERY LAWRENCE COLDERT COFFEF FRANKLIN MADISON DALE BLOUNT DALLAS DALE	12 34 5 31 12 34 12 34 5 31 2 33 1 32	23 86 18 20 87 17 45 87 37 23 85 56 29 87 35 54 86 26 21 85 37 57 86 30 18 67 14 23 85 39	660	MID MIE 7A 7A 7A 7A 8A	U.S. WEATHER BUREAU TVA-J81 CIVIL ARRO ADM. E. EARL BOYETT TVA-644 TVA-624 JAMES L. HUTTO L. E. SELLERS EUVAND B. WARREN MORS, MARY E. SCOTT	2 3 4 5 3 4 5 3 4 5 3 4 5 3 4 5 3 5 5 3 8
EWTON 3 SSE IDGETURT 2 W UNNINGE LERA MOTH MPBELL MP HILL 2 NW RBON HILL MTER GROVE MTREVILLE	1099 1178 1288 1300 1315 1324 1377 1492	ESCAMBIA JACKSON PINE SRELDY WILCOX CLARKE TALLAPOOSA WALKER MORGAN BIBB	6 31 04 12.34 56 5 31 43 7 33 06 1 32 00 13 31 55 11/32 50 2 33 54 12 34 23 3 32 57	85 44 85 49 86 45 87 20 87 59	85 660 515 500 225 680 430 780 230	5P 5P MID 6P 6P 7A 7A	MORS. CLARA T. PEAVY MISS M.LDUIBE JOHES GEO. L. RICKES GEO. L. RICKES ZEMMA P. HOLCOMBE ALA. POLY. INST. WM B. GRIFFIN, JR. AIIA. POLY. INST. MISS MARY C. RAY TVA V. D. HOLLIFIELD	3	PAINT ROCK PALMERDALE PENNINGTON LOCK 2 PERRYYILLE PETERBAM PICKENSYILLE PINE HILL PINE LEVEL PLANTERSYILLE PLEASANT GROVE SCHOOL	6346 6335 6362 6370 6414 6460 6468 6508	JACESON JEFFFRSON CHOCTAW PERRY MONROE PICKENS PICKENS WILCOX MONTGO MKRY DALLAS JACKSON	3 33 13 32 3 32 1 31 13 33 1 31 6 32 1 32	40 86 20 44 86 39 08 88 02 37 87 08 35 87 16 13 88 16 59 87 36 04 80 04 39 86 56 57 85 55	610 20 163 110 240 633	8A 7A 8A MIL 7A 7A 7A	TVA-69 ROBERT P. STORES CORPS OF E-GINERRS BESS. GERTRUDE GREEN BESS. HINTA EDDINS MESS. DORA I. CLAY MESS. DOLA I. CLAY MESS. DELLA L. OARLEY C. W. ADAMS TVA-695	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
ATOM ILDERSBURG TRESTLE ANTON ATTON PYEL SPRINGS LLINSVILLE LUMBIL RDOVA BA	1615 1685 1694 1725 1807 1849 1865 1940	WASHINGTON TALLADEGA MOBILE CHILTON BARBOUR GENEVA D& KALB TOUSTON WALKER SUMTER	13 31 28 7 .33 17 9 31 05 7 32 51 5 31 53 5 31 10 7 .34 15 5 31 18 2 33 46 13 32 26	86 38 85 27 85 55 85 52 85 06	195 480 331 590 590 255 734 130 334 215	6P 6P 7A 7A 5A 6P 7A 8A 5P 8A 7A	CHAS. C. SMITH ALADAMA POWER CO. D. O. JONES HUGH M. SIMPSON ENWAND E. POPE MMS. J. VIRGIL BYNUM MMS. S. CUNNINGHAM COV THOMPSON MES. C. GRESHAM REUBEN P. HARRIS	2 3 5 5 2 3 5 5 2 3 5 5 2 3 5 5 2 3 5 5 2 3 5 5 2 3 5 5 2 3 5 5 5 2 3 5 5 5 5	PLEASANT HILL PRATTY LLE PRATTY LLE PRATTY LLE PRAME SAY REFORM RIVER FALLS REVER FALLS REVER FALLS REVER FALLS ROBERTS DALLS ROCK MILLS	6640 6684 6719 6805 6847 6937 6942 6988	DALLAS AUTAUGA MONTGOMERY CHOCTAW FRANKLIN PICKENS COVINGTON COVINGTON BALDWIN RANDOLPH	13 32 12 34 13 33 6 31 6 31 9 30 4 33	10 86 55 28 86 28 20 86 15 12 88 21 27 88 09 23 88 09 23 86 32 23 86 33 33 87 48 09 85 18	281 180 627 242 150 745	8A 8A 7A 7A 7A MIE 6P 65 6P 6A	P. D. GRINDLE CONTINENTAL GIN CO. W. E. BLSBERRY MESS. JANIE C. BROWN TYA-403 WILLIAM T. AMBROSE JOEN R. BRADLEY ALABAMA ELECTRIC CO CARL BOSECK JAMES B. BAILEY	2 3 5 3 3 4 2 3 5 2 3 5
DEVILLE NO 2 No. WY LLE TYPAN CATUR CATUR NO 4 CATUR SUBSTATION MOPOLIS LOCK 4 THAN CAA AIRPORT	2141 2149 2188 2207 2216 2221 2240	TALLAPOOSA TALLAPOOSA PICKENS MORGAN MARENGO MORGAN MORGAN MORGAN MORGAN MORGAN MORGAN MORGAN MORGAN	11 37 50 11 32 50 13 33 01 12 34 25 13 3 21 12 34 37 12 34 37 12 34 36 13 32 31 5 31 14	88 17 87 04 87 39 86 58 86 59 86 58 87 51	760 730 207 595 573 600 588 100 322	6P 6A 6A 8A 7A	DR. W. B. FULTON JAY D. LAME E. F. SMITH TAY 503 JAMES M. CREWS MMS. FREDA TRIMBLE TTA-63B TTA 411 CODES OF ENGINEERS CIVIL ARRO ADM.	3 4 3 3 4 5 3 4 5	SAINT BERNARD SAND MT. STATE PARM AP SATES SCOTTSBORG SUBSTATION SEALE 7 WHW SIELMA SIELFIELD TVA NRSY SHOMMAKER SPRINGS SLOCOMB	7282 7304 7310 7328 7306 7415 7460	CULLMAN DE KALB JEFFERSON JACKSON JACKSON RUSSELL DALLAS COLFERT LIMESTONE GENEVA	12 34 4 32 1 32 12 34 12 34	12 86 47 17 85 58 43 86 58 41 86 02 41 88 01 18 85 17 25 87 00 46 87 42 51 87 12 06 85 35	802 1195 304 660 660 358 147 505 610	6P 7A 7A 7A 6A	FR. FREDERICE SMITH ALA. POLY INSTITUTE DORA R. WEBSTER MAS. EINZIE BOBO TYA-768 B. G. RUSH JOHN O. RHODES TYA-49 TYA-682 PATRICK H. SMITH	2 3 5 5 2 3 5 5 3 5 5 3 5 5 3 5
MA ROD FAULA TAW LOCK NO 7 EMCREN EMCREEN CAGA AP IRRIOPE LCO 5 ME LLYILLE LLS CITY 6 NW	2632 2727 2742 2758 2763 2813 2832 2849	COFFEE TUSCALOGSA BARBOUR GREENE CONSCUH CONSCUH BALDWIN COVINGTON MORGAN WINSTON	10 31 25 13 33 15 4 31 53 2 32 47 6 31 26 6 31 25 9 30 32 9 31 06 12 34 22 2 34 04	87 48 85 08 87 50 86 58 87 02 87 55	204 252 254 114 340 257 23 620 850	7A 5P 8A 7A 8A 8A MID MID MID 5P 8A 7A	DOZIER B. ROBERTS E. Y. PERRY IMARY E. MAUGANS K. B. HOLBROOK MRS. JESSE D. GOUSON CIVIL AERO ADM. HAROLU F. YATES U.S. FOREST SERVICE TVA-384 U.S. FOREST SERVICE	3 2 3 5 3 4 CLOSFD 3/30 2 3 4 5 2 3 4 5 2 3 5 6 3 3	SHOW HILL SOUTH HILL STRING HILL STRING STAIN STAIN STLACADGA STLVAMIA TALLADEGA TALLADEGA HORN MT. TWR THOMASVILLE	7671 7733 7963 7968 7994 8012 8024 8032 8178	DE KALB TALLADEGA TALLADEGA CLARKE	12 34 9 30 3 32 112 34	00 67 01 24 80 02 42 88 10 32 87 11 53 86 13 10 86 13 34 85 49 26 86 06 18 86 04 55 87 45	225 990 175 145 665 548 1400 554 1919	9A 9A 7A 7A 8A 7A 6P 6F 6A 9P 74	DARS. EVA R. RAY TVA-75 HAMLIN H. TIPPINS J. F. BUTTLE, JR. TVA-385 ALABAMA POWER CO. TVA-386 C. D. WEAVEN U.S. FOREST SERVICE MRS. MINNIE DEATON	3 3 3 5 3 3 3 2 3 5 3 2 5 5
RLEY YETTE AT ROCK ORENCE AT LOCK RT DEPOSIT RT MCRGAN RT PAYNE 18CO CITT DESORN IMESVILLE	2883 2945 2976 3024 3021 3043 3105 3151	MADISON FAYETTE JACKSON LAUDERDALE LOWNDES DALDWIN DE KALB MONROE ETOWAB SURTER	12 34 36 13 33 41 12 34 46 12 34 47 6 31 59 9 30 14 7 34 26 8 31 26 7 34 01 13 32 49	87 50 85 41 87 40 86 35 88 01 85 43 87 24	670 359 1380 450 520 879 554 130	8A 8A 7A 7A 7A 9P 9P 8A 8A 6A 8A 6A	TVA-57 LOIS V.KILLINGSWORTH TVA-87 COAFS OF ENGINEERS MMS. ISABEL C. HUCHES WMN. II. CHANDLER JOHN W. PATE MMS. NELIA MCMEMZIE G. BINEST HALCOME FTANK J. FIELDS	3 4 3 3 4 5 3 4 5	THORSHY 1 SW THURLOW DAM TIRBLE 2 S TONEY TRAPPOUD TROY TUSCALOOSA CAA AP TUSCALOOSA LOCK & DAM TUSKEGEE UNION SPRINGS	8215 8223 8259 8285 8323 8380 8385 8398	CHILTON ELMORE WASHINGTON MADISON JEFFERSON PRICE TUSCALOOSA TUSCALOOSA MACON BULLOCK	11 32 13 31 12 34 2 33 10 31 2 33 2 33 11 32 6 32	54 86 44 32 85 54 20 88 15 54 86 44 49 86 58 14 87 37 13 87 35 24 85 44	152 459 485	6A 8A 8A 8A 8A 8A 8A 8A 6P 7A	SOIL COMS SERVICE ALABAMA POWER CO. BATTIE T, GIVENS TVA-506 WASJ. M. JOHNSON THOMAS J. DILLARD CIVIL ARRO ADM. CORPS OF ENGINEERS PROF. W. L. LANIER MRS. EOBBIF GUTHRIR	3 4 3 4 3 4 2 3 4 5 2 3 4 5 2 3 4 5 2 3 5
ROLM CITY MEYA OCFATER REAS REAS REAS RENTSHORO RENY ILLE NO 2 LF SHORES 2 SEE MYERSVILLE CITY FIR MYERSVILLE CAM	3255 3399 3430 3511 3519 3524 3559 3578	CULLMAN GENEVA COOSA WALKER BALE BUTLER BUTLER BALDWIN HARSTALL MARSTALL	2 34 00 5 31 02 7 33 04 2 33 39 2 32 6 31 50 6 31 50 9 30 16 12 34 22 12 34 26	86 03 87 13 87 36 86 38 86 38 87 40 86 17	107 826 300 220 444 10 610 611	7A 7A 7A 7A 6A 6P 8A 5P 8A MID NOON MID	MMS. G. MC KENZIE REBECCA CAMPBELL C. PURVIS COMAWAY ALADAMA POWER CO. N. HANNER COBBS CECILE F. LEWIS CLAUDE COMN, JR. GULT STATE PARK TVA-403 TVA-70	3 4 2 3 5 3 5 3 5 2 3 5 2 3 5 3 4 3 4 3 4	UNIONTOPH UNIVERSITY VALLEY HEAD VANCE VERNON WALLEY WALLEY WALLAT WALLAGE WATEALOO WEST BLOCTON	8454 8469 8477 8517 8605 8637 8648 8686	PERRY TUSCALOOSA DE KALB TUSCALOOSA LAMAR RANDOLPH ESCAMBIA ETOWAH LAUDERDALE DIBB	13 33 11 33 6 31 2 34 12 34	27 87 31 12 87 33 34 85 36 10 87 13 45 88 07 08 8, 34 13 87 13 04 86 19 55 80 04 07 87 07	273 225 1031 180 640 167 850 445	7A 6P	MRS.FRANCES MART HE DR.F. E. BYTCHELL HES. CARSIE DXLEY WH.F. VANCE COUNTY AGENTS OFF. ALABAMA POWER CO. LEOWARD D. PETTIS MRS.FLORENCE PARER J. ELLIE TURET TRUPERT M. BEARDIN	3 4 5 2 3 4 5 3 3 4 3 3 3 3 3 3
LETVILLE MILTON REISBURG 6 SP. WHFVILLE LEFA, GELAND HOME GETOBER DGES WHSVILLE SURSTATION DETSVILLE SURSTATION	3644 3697 3748 3783 3816 3842 3899 4060	WINSTON MARION PERRY LOWNDES SHELBY CHAMSHAW CLEBURNE FRANKLIN MADISON	2 34 14 13 34 08 3 32 48 1 32 11 3 33 18 6 31 57 11 33 32 13 34 20 12 34 43 12 34 42	87 59 87 11 86 35 86 51 86 19 85 24 67 58 86 35 86 35	947 498 600 416 594 845 611 610	7A 8A 8A 7A 5P 6P 8A 6A 6A MID MID	ELMER L. SHIPMAN REX COOPER U.S. FORETT SERVICE MAXINE E. WATSON ROLFE H. HARRISON LUICE JORDAN THOMAS J. HART FRANK L. HAYMES TWA-65 U.S. WEATHER BURRAU	2 3 4 5 3 3 3 3 3 3 3 3 3 3 4 5	WETUAPEA WHATLET WHEELER DAM WHITPFIELD LOCK 3 WHITPFIELD LOCK 3 WINDIELD 2 SW WINDIELD 2 SW WATER HYDRO PLANT YOUNGS STORE (MEAR) MEW STATIONS	8867 8875 8925 8980 8998 9103 9350	SLMORE CLARES LAWRENC2 CHOCTAW COLBERT FATETTE ELMORE LAUDERDALE	13 31 12 34 13 32 12 34 13 33 11 32 12 34	32 R6 12 39 87 43 47 87 21 17 88 01 48 87 37 56 87 49 34 85 54 57 87 53	790	7A 7A 7A 6A 7A	MRS. D. R. WHITAMER LEONARD L. COLEMAN TYA-52 COMPS OF ENGINEERS COMPS OF ENGINEERS W. W. COTTHEY ALABAMA POWER CO. TVA-621	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
TOP CREON LOCK 1 CERON SHALS ICESONYILLE RIDAN DAM PATETTE Y DAM EDS EDS EDS ICOLM INCOLM INCOLM	4192 4198 4209 4306 4502 4603 4619	JACKSON CLARKE TALLADEGA CALHOUN ELMORE CHAMBERS COOSA JEFFERSON CHEROLEE TALLADEGA	12 34 54 13 31 33 7 33 32 7 33 49 7 32 37 11 32 54 7 32 58 3 33 33 7 34 11 7 33 37	86 15 85 24 86 31 86 33 85 46	1500 475 290 830 420 636 589 510	6A 6P 6P 6A 8A . 7A	TVA-78 CORPN OF ENGINEERS ALABAMA PUWER CO. FLOY E. OWEN ALABAMA POWER CO. CLARENCE B. FINCHER ALABAMA POWER CO. MMS. MARY K. LEE RUPUS M. SEWELL CITY OF LINCOLN	3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 3 4 3 3 5 4 3 3 5 4 3 3 5 4 3 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	HEADLAND BIDOUS CREEK STM PL		HENRY JACKSON	5 31 12 34	21 85 20 53 85 45	612	79 7P 7A	ALA. POLY. 1MST. TVA-704A	2 3 5 3 4
VINGSTON ,	4798 4822	SUNTER COVENCTOR	13 32 35 9,31 01	88 11 86 22	160 290	6P 6P 8A 8A	PROF.E.J. MURPHULY H. C. YOUNG	2 3 5 2 3 5	parameter and the same and the						1		

The four digit identification numbers in the index number column of the Station Index are casigned on a state basis. There will be no durlication of numbers within a state.

Figures and letters following the station name, such as 12 SSF, indicate distance in siles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this immue

ALADAMA; 2-DLACK WARRIOR; 3-CAIALMA; 4-CHATTAHOOCHER; 5-CHOCTAFMATCHER; 6-CONECUE; 7-COOSA; 8-ESCAMBIA; 9-GULF; 10-PEA; 11-TALLAPOOSA; 12-TENNESSEE; 13-TOMBIGBEE

Unless otherwise indicated, discontinuous usits used in this bulletin are: Temperatures in 'F, precipitation and evaporation in inches, and wind sovement in miles. Evaporation is measured in the standard Vestion Bureau type paper of 4 'out dissects unless otherwise shown by footnote following Table 0.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 4 are from recording gages. Traces are not shown

Amounts in Table 3 are from non-recording gages, unless thereise indicated.

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

- In Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

 No record in 7 bles 3, 4, 6, and the Station Index. You record in Tables 2 and 5 is indicated by no entry. When howely precipitation is missing or accumulated for several da 1, only the first and last days are about in Table 4.

 Administration of the State or dates.

 Amount included in following measurement, time distribution unknows.

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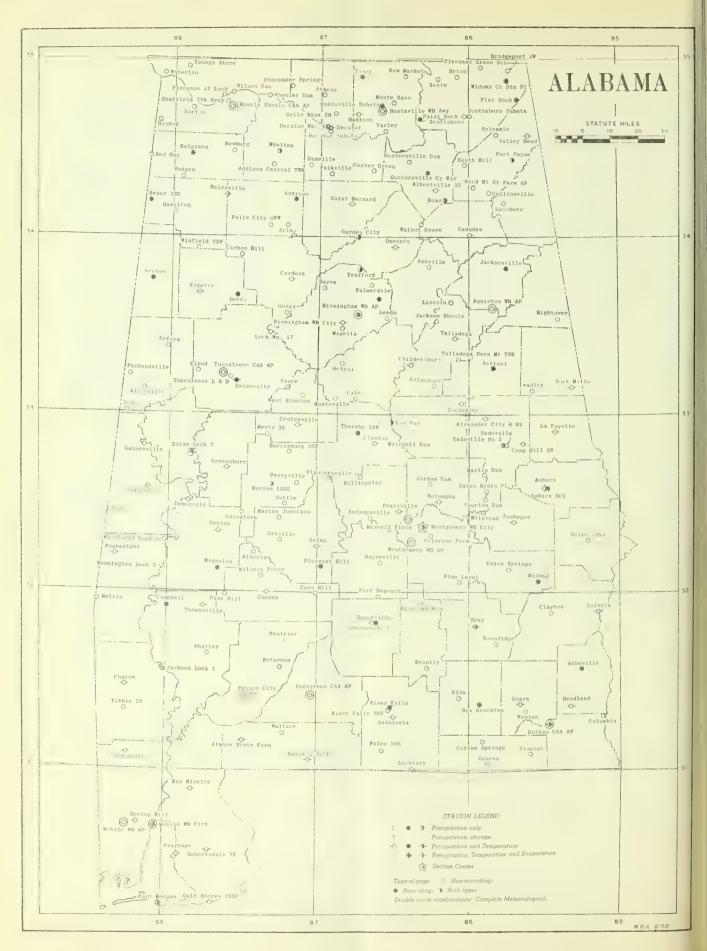
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DEPTEMBER 15



U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief



CLIMATOLOGICAL DATA

ALABAMA

OCTOBER 1950 Volume LVI No. 10



ALABAMA - OCTOBER 1950

A. R. Long, Section Director - Montgomery

WEATHER SUMMARY

October this year was both warmer and drier than normal. Temperatures showed no trend toward warmer or colder as the month passed, so that the first half month was cooler than normal for the time of year and the last half considerably warmer than normal for so late in the season.

Rainfall for the month averaged 62% of the normal. Nearly all of this rain fell between the 19th and 23rd.

The dry weather was favorable for fall harvesting, and as the month ended cotton picking was practically completed in all except the late north Alabama areas. The threshing of peanuts was almost finished in many localities, and a big portion of the sweet potato crop was dug. The harvesting of soy beans and grain sorghum was also well advanced. Pecans were somewhat later than normal.

The lack of soil moisture prior to the 20th was not favorable for the germination and growth of newly planted winter grains and legumes. These crops were making good progress as the month ended, however.

There were no severe storms, and, of course, no floods.

-- FCP

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year to be tween 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$25,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D. C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

SUPPLEMENTAL DATA

	,				1	2011	. L.E.IV.	TELA I	AL	DAI	A								OCTO	ALABAM BER 195
	Wind	direction		Wind m.	speed p. h.		Relati	ve hum per		rages -		Num	ber of d	ays with	precip	itation		, ———	1980	
Station	Prevailing	Percent of time from prevailing	Average	Fastest	Direction of fastest mile	Date of fastest mile	12:30 m	6:30 a	12:30 p	6:30 p	Trace	90 - 10.	10-49	20-38	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover	Degree days
IRMINGHAM WB AP	ENE	12	6.0	29	NE	17†	88	93	55	72	2	1	2	2	0	0	7	65	4.5	See
OBILE WB CITY	I NE	20	9 4	34	NE	17	87	90	54	75	0	1	5	2	0	0	8	70	2 9	.,
ONT GOMERY WB CITY	NE†	14†	5.3†	28†	NET	17†	86†	92†	54†	71†	1+	3+	1+	1+	0+	0+	6+	701	3.71	
† AIRPORT DATA			ı	1	ı		ī					;		Ţ						:

COMPARATIVE DATA

100 Y																	
	1	Temperature)	Precipi	tation			Temperatur	0	Precipi	tation		1	emperature.		Precipi	tation
Tota	Averago	Highest	Luwest	Average	No. of days .01 or more	Year	Average	Highest	Lowest	Average	No. of days	Year	Average	Highest	Lowest	Average	No. of days .01 or more
884 885 886 887 888	69.9 60.0 64.9 62.1 62.4	99 86 91 87 87	28 26 28 22 30	1.43 2.77 0.39 3.42 4.04	4 6 2 5 7	1909 1910 1911 1912 1913	64.0 66.7 68.9 66.3 61.3	96 98 101 98 94	25 21 30 29 19	1.58 3.20 3.12 3.01 2.21	3 6 6 5 5	1934 1935 1936 1937 1938	67.1 67.5 67.1 63.1 66.7	92 92 94 96 97	31 30 30 30 23 26	6.42 1.73 2.12 6.00 0.33	6 3 5
889 890 891 892 893	61.8 62.7 61.1 65.0 63.1	90 93 96 94 95	27 24 23 23 23	0.88 4.07 0.24 0.56 2.15	3 7 1 2 3	1914 1915 1916 1917 1918	64.1 67.1 64.8 58.4 69.0	90 94 97 95 94	24 28 26 22 38	2.88 4.93 1.74 1.46 8.67	6 8 3 3	1939 1940 1941 1942 1943	66.9 66.1 72.0 66.0 61.9	94 95 98 91 92	26 34 34 25 26	0.38 1.40 2.14 1.99 0.86	3 3 5 6 2
894 895 896 897 898	64.0 61.0 63.9 67.3 61.5	95 93 98 97 96	30 27 26 30 24	2.54 2.01 2.39 1.32 4.21	4 4 1 3 6	1919 1920 1921 1922 1923	74.4 64.8 63.0 65.3 63.7	99 94 91 92 97	24 29 32 28	4.63 1.12 2.32 2.56 2.65	8 2 4 6	1944 1945 1946 1947 1948	64.2 64.0 65.2 70.2 62.0	92 95 91 92 89	24 31 30 36 23	0.56 3.72 1.42 1.80 1.47	2 5 3 6
899 900 901 902 903	66.4 69.1 62.9 63.7 63.6	92 98 92 95 97	29 44 31 26 22	2.21 5.52 1.06 3.66 1.84	4 6 2 4	1924 1925 1926 1927 1928	65.1 65.3 66.9 67.8 67.9	93 98 98 98 97	26 26 30 29 32	0.31 5.75 2.10 2.04 3.34	1 11 6 4 7	1949 1950 Period	70.2 66.9 64.8	92 90	37 34	3.37 1.77 2.88	
904 905 906 907 908	64.9 64.6 61.3 63.6 60.8	101 91 90 95 92	25 30 25 26 27	0,32 4,46 3,44 1,42 1,77	2 8 6 4	1929 1930 1931 1932 1933	63.1 62.5 68.3 62.8 66.5	89 88 97 89 98	30 23 30 30 30 32	5.10 2.72 1.76 6.47 1.95	7 5 1 3 7 4						

Table 2				Tempe	erature									Precipitation	on				
						_	T	No. o	of days		T				r, Sleet, Ha	il	No	of da	ув
Station	Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	Max. 90° or above	Min. 32° or balow	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground at oben.	Date	.01 or more	25 or more	1.00 or more
NORTHERN DIVISION											1								
ALBERTVILLE 1 S ANNISTON CAA AP BELLE MINA 2 N BIRMINGEAM WB AP BIRMINGEAM WB CITY	63.0% 64.8 63.2 65.8 69.0	.7 3 4 4.2	82 86 85 86 90	15 15 16+ 15 15	42 39 38 41 44	13+ 13 5 5 5+	53 82 43 11	0 0 0 0	0 0 0	1.31 2.31 .53 2.41 4.00	- 1.96 31 01 1.58	.80 .96 .23 .95	20 23 22 23 23	.0 .0 .0	0 0 0 0		3 5 3 5 6	2 3 4 4	0 0 0 0
CORDOVA DECATUR FATETTE GADS DEN GOODWATER	65.6 66.7 64.9 64.2 66.1	2.5 4.5 1.0 1.6	87 88 86 87 85	15+ 16 17 16 16+	39 45 38 37 45	13 9 5 13 9+	51 31	0 0 0 0	0 0 0 0	1.37 .68 1.20 2.21 1.59	- 1.70 - 2.39 - 1.49 - 1.10 - 1.28	. 75 . 28 . 64 . 89 . 66	21 22 21 23 20	.0 .0 .0	0 0 0 0		3 6 5 6 5	.2 1 2 3 3	0 0 0
HALEYVILLE HUNTSVILLE WB AWY MUSCLE SHOALS CAA AP ONEONTA ROCK MILLS	65.6 64.7 65.4 64.7 65.1	3.6	85 85 88 88 88	16 15 15 16 16	38 40 44 38 39	9 13 9 13 13+	49 61 54 42	0 0 0	0 0 0	1.62 1.26 .76 1.76 2.57	- 2.06 - 2.46 - 1.28 23	1.22 .47 .51 .80 1.21	21 19 21 20 20	.0 .0 .0	0 0 0 0		2 5 4 4 6	2 3 1 2 3	1 0 0 0
SAINT BEENARD SAND MT STATE FARM AP SCOTTSBORO TALLADEGA TUSCALOOSA CAA AP	64.3 63.8 65.2 65.8 66.4	2.6 4.0 1.7	86 84 87 88 88	17 27 15 15 31	41 40 38 39 40	10+ 13 14 13 9	68 52 40 42	0 0 0	0 0 0	1.71 1.22 1.55 2.99 3.69	- 2.03 - 1.72 06 .79	.65 .53 .75 1.25 1.85	21 20 19 23 23	.0	0 0 0 0		5 5 4 4	3 2 2 3 4	0 0 0 2 1
UNIVERSITY VALLEY HEAD	66.0 62.7	1.3 2.2	87 84	31 16+	42 34	9	43 100	0	0	4.12 1.37	1.22	2.60	23 20	.0	0		4 2	3 2	1 0
DIVISION	65.1									1.92				. 0			1		
MIDDLE DIVISION ALEXANDER CTY 6 ME	64.7		85	15+	38	13	1	0	0	1.96	1	. 59	23	.0	0		5	4	0
AUBURN CAMDEN CAMP BILL 2 NW CENTREVILLE	67.2 68.7 66.2 68.3	3.3	85 87 85 88	16 31 15+ 17	46 44 43 46	9+ 11 9+ 9+	10	0 0	0	1.41 1.91 1.27 2.16	- 1.47	.60 1.42 .65 1.48	20 21 19 21	.0	0 0		5 5 4 4	2 1 2 1	0 1 0 1
CLANTON DAYTON EUFAULA GREENSBORO GREENVILLE	65.5 68.2 67.8 69.4 67.8	1.3 2.1 4.2 1.8	82 87 87 90 84	16+ 31 16 31 31	43 45 41 43 45	13 5+ 14 9 9+	20 7 10 18	0 0 0 1 0	0 0 0 0	1.74 1.72 .98 2.05 .77	88 - 1.54 59 - 1.77	.76 1.13 .23 1.20 .27	21 21 21 21 21	.0	0 0 0		4 5 7 6 7	4 2 0 2 1	0 1 0 1 0
EIGHLAND HOME, LA FAYETTE LIVINGSTON MARION JUNCTION 2 NE MAXWELL FIELD	68.8 66.4 67.6 67.5 69.3	1.5	85 87 87 86 85	7+ 15 30+ 31 8+	48 45 42 42 49	9+ 9 13 9	13 22 25 23 7	0 0 0	0 0 0	.89 3.02 1.73 1.67 1.04	- 1.67	.37 1.05 1.26 1.03	19 19 21 21 20	.0	0 0 0 0		6 5 3 5	1 3 1 3 2	0 2 1 1 0
MONTGOMERY WE AP MONTGOMERY WE CITY PRATTY LLLE PUSEMATAHA SELMA	68.4 69.5 67.8 66.8 70.0	2.9 1.6 4.5	86 86 87 86 99	15+ 31 14 18+ 31	45 51 43 42 45	14 9+ 14 10 13+	11 6 16	0 0 0 0	0 0	.83 .85 1.36 1.00 1.51	- 1.61 - 1.21 - 1.64 91	.62 .49 .84 .42	20 20 20 20 21	.0	0 0 0 0 0 0		5 6 4 3 4	1 1 3 1 1	0 0 0 0
THOMASVILLE TROY TUSKEGEE UNION SPRINGS WETTMPKA	68.8 68.5 68.7 69.0 68.4	3.1 .7 3.3 1.4	87 85 87 86 85	22 31 16 15+ 30+	46 49 46 48 45	10 9+ 14 5+ 13+	16 8 15	0 0 0	0 0 0 0	1.42 1.57 1.52 2.04 .73	- 1.03 88 88 87 - 1.96	.80 .74 .63 .89	21 21 21 20 20	.0	0 0 0		5 6 6 5	2 3 3 3 2	0 0 0 0
DIVISION	68.0				1	i		and the same of		1.49	1			.0					
SOUTHERN DIVISION ANDALUSIA ATMORE STATE FARM BAY MINETTE BREWTON 3 SSE CHATOM	68.7M 69.7 69.8 67.5 67.2	.8	86 88 87 88	9 8+ 8+ 8	45 44 48 38 39	10 10 10 10+ 10+	4 1 22 26	0 0 0	0 0 0	1.13 2.78 2.55 1.83 1.41	- 1.80 - 1.24	.52 1.53 1.14 .58	23 19 18 18	.0	0 0 0		6 3 4 6 5	3 3 1	0 1 1 0
CITRONELLE DOTEAN CAA AIRPORT EVERGREEN CAA AP FAIREOPE PORT MORGAN	70.4 69.4 66.7 69.0	1.5	86 89 88 87 85	8+ 31 8 16 16+	51 46 39 46	9+ 10+ 10+ 10	2 8 35 4	0 0 0 0 0	0 0 0 0 0	2.46 .75 1.99 3.52 1.92	87 - 2.02 77 45	1.50 .30 1.01 1.57 1.27	18 17 20 21	.0	0 0 0		4 7 7 6 3	3 1 2 3 2	1 0 1 2
PRISCO CITY GENEVA LOCKHART MOBILE WE AIRPORT MOBILE WE CITY	68 7 68.9 69.1 70.3 70.6	1.3	87 88 85 88 86	31 2+ 17+ 31 16+	45 42 43 48 51	10 10 10 10 10	2 1	0 0 0	0 0 0 0	1.67 1.09 1.20 2.75 2.42	- 1.32 - 1.41 - 1.18	.74 .42 .47 1.53 .72	21 21 18 18	.0	0 0 0 0		5 6 6 6 7	3 2 2 2 3	0 0 0 1
OZARK ROBERTSDALE 7 E SPRINC HILL	69.9 69.2 70.2%	2.1	87 85	31 16	49 / 45	10÷ 10	2 2	0	0	.47 2.87 2.95	- 2.11 - 1.19 99	.15 1.27 1.14	19 21 18	.0	0 0		4 5 6	3 4	0 1 1
DIVISION	69.1		!	1 - 4	-	1	1		1	1.99	1			. 0				1	
STATE	66.9	2.1	1		ł	1			1	1.77	- 1.11			.0					

Table 3													_		_	_	_					_									. 00	TOBES	1950
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14		of n	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
ABBEVILLE ADDISON ADDISON CHTRL TOWER ALBERTA ALBERTVILLE 1 3	B. R								. 03.	. 04	17				tambing the state of the state			. 20	.12	. 15	.32	1.70	.15 .16 1.51 .18 .32										1.30 1.34 1.55 2.07 1.31
ALEXANDER CTY 6 NE ALICEVILLE ANDALUSIA ANNISTOR CAA AP ARLEY		т	. 04																. 27 T	. 17	. 58 . 11 . 86	. 42 1. 49 . 17 . 56	.06	.59 1.90 .52 .96 .65	. 02								1.96 3.39 1.13 3.31 3.00
ASELAND ASEVILLE ATEENS ATMORE STATE FARM ATMORE STATE FARM	//R								. 03	. 20								. 46	. 85	1.53	.07	1.10 .34 .92 .16	.02 .30 .32	1.14 .30 .01 .33 .03	. 24 T								3.61 2.83 .84 2.78 2.41
AUBURN SCS 10 AUBURN SCS 10 AUTAUGAVILLE BARTON BAY MINETTE	R								. 25									.54	1.14	. 12	.50		.07 .44 .40 .16	. 12									1.41 1.47 1.34 1.35 2.55
BEATRICE BELGREEN BELLE MINA 2 N BERRY BEXAR 2 SE	R R								. 19											. 10	. 15 . 45 . 15 . 79 . 31	. 52	.23	. 19									1.50 1.37 .53 1.82 .78
BILLINGSLEY BIRMINGHAM WB AP BIRMINGHAM WB CITY BISHOP BOAZ	R	. 10			Т				T T .20	. 17										. 38	.70 .54 1.10	. 55	.06 .62 .53 .34	.95 1.65	T .01								1.59 2.41 4.00 1.38 1.54
BOAZ BRANTLY BREWTON 3 33E BRIDGEPORT 2 W BRUNDIDGE	R		. 10						.18	. 28								T	. 22 . 58	. 54 . 10 . 20	. 10	. 50 . 20 . 50	.15 .40 .66	. 15	.05 1.06 T								1.57 .63 1.83 1.95 1.34
CALERA CAMDEN CAMPBELL CAMP HILL 2 AW CARBON HILL	R																		.17	. 65	. 08 . 78 . 40 . 30	1.40	.02	. 20	. 07								2.34 1.91 1.29 1.27 2.40
CENTER GROVE CENTREVILLE CBATOM CEILDERSBURG CITRONELLE				.01	T				T	. 09	T							1	1.12	.02	.78 .22 .01 .45		.24 .38	. 53	. 18		T						1.54 2.16 1.41 2.28 2.46
CLAYTON CLAYTON COPPER SPRINGS COLLINSVILLE COLUMBIA										.10								. 10	. 10	. 10 . 31	.35 1.03 .30 .73 .17	.76	.30	.07	T 1.12								1.74 2.15 .70 1.34 1.28
CURA CURA CURA DADEVILLE NO 2 DANCY	R									.01										.11 .01 .28 .11	.40 .04 .54 .38	75 .72 .36 .07 .15	. 22	. 15 . 17 . 96									1.37 1.19 1.07 .90 2.37
DANYILLE DAYTON DECATUR DECATUR NO 4 DECATUR SUBSTATION					Т				T	.08 .01 .04 .03									. 10	.04 T	. 20 . 16 . 14 . 14	.08 .06	.23	.04 .29 .02 .15	.11 T								.92 1.72 .68 .79 .70
DEMOPOLIS LOCK 4 DOTHAN CAA AIRPORT DOTHAN CAA AIRPORT ELBA ELBOD	lit.								.02	.30							T	, 30	.14 .25 .15	.04	.14	.15		. 27 . 01 . 05 2. 15	.20								2.74 .75 .66 .88 4.10
EUPAULA EUTAW LOCK NO 7 EUTAW LOCK NC 7 EVERGREEN CAA AIRPOR FAIREOPE	R	.09								. 06									.21 .05 .47 1.08	. 15	1.01	1.20 1.13 1.19 1.57	. 12 . 64 . 03 . 15 . 01	. 04 . 87 . 88 . 03									.98 3.03 3.00 1.99 3.52
PALCO 5 WE PALKYILLE PALLS CITY 6 WW PARLEY PAYETTE									.05	.14								.08	.12	. 08	.69	.04	. 27	2.10 .09 .25									.76 1.47 2.10 1.09 1.20
FLAT ROCK FLORENCE AT LOCK FORT DEPOSIT FORT MORGAN FORT MORGAN	R //R								.08	.08								1.27	.03	.04	.22	.35	.20 46 .09 .57	. 13									2.02 .99 1.01 1.92 1.87
FORT PAYNE FORT PAYNE FRISCO CITY GADSDEN GAINESVILLE	R								.06	.11								Т	.37	1.04		.07 .74 .16 1.82	.02	. 13 . 08 . 08 . 89 . 50	.03								1.54 1.54 1.57 2.21 2.39
GARDEN CITY GA DEN CITY GENEYA GOODWATER GORGAS	2								.07	.08								T	.39	.60 .05 T		.65 .24 .42 .44 1.07	.11	.02	.03								1.64 1.38 1.09 1.59 2.05
GREENSBORO GREENVILLE GREENVILLE NO 2 GUNTERSVILLE CITY V GUNTERSVILLE DAM	R WKSR								.12	. 15									.02	.02	. 14 . 06 . 29 . 20 1. 05	.11	.49 .12 .01 .06 .17	.18	. 19								2.05 .77 .69 1.51 1.73
EALEYVILLE EALEYVILLE HAMILTON HARRISHURG 6 SE BAYNEVILLE	R									.05										T	.12	1.40 1.40	.40	.05 T									1.62 1.61 1.20 1.66
HELBHA HIGHLAND HOWE BIGHTOWER HODGES MUNTSVILLE SUBSTA		:							.27	.17									. 10	.37	. 67	1.17 .58	.16	.03	1.22								4.24 .89 3.49 1.91 1.31
HUNTSVILLE UB ANY HYTOP JACKSON LOCK I JACKSON LOCK I JACKSON SHOALS	1								.25									. 07	.28	.47 .49	. 17 . 52 . 01 . 36 . 67	.06	.31	.05	. 82								1.26 1.16 1.34 1.20 2.74
JACESONVILLE JORDAN DAM LA PAYETTE LAY DAM LAY DAM	R								.16											.71	. 48 . 23 1.00 . 44 . 56	. 53	.03 .05 .85 .07	.36 .41 .54 .29 .03	. 12								1.68 1.47 3.02 1.33 1.17

Station	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	onth 17	18	19	20 2	1 2	22 23	24	25	26	27	28	29	30	31	Total
REDS	1				,			1	T	10			10		10	10		10	т	. 80	67	. 60 1.70		20	20		20	23	30	02	4.3
LEESBURG LINCOLN LIVINGSTON LOCKHART		Т							т								. 04	.07	.10	13 1.		10 .80 • 4.68 .15 .12 .30 T		-	1	-	-	. 1	i	- 1	1.1
OCE NO 17 RAGELLA RAGNOLIA RAGNOLIA RARION 1 SSE RARION 1 SSE									.01									. 16:		1.23 1.00	98 35 67 32 63	19! .55 57:1.07 11 .73 91: .08		.09	' '						2.4
MARION JUNCTION LARION JUNCTION 2 NE LARTIN DAM LAXWELL PIELD LELVIN															4 4 9 4 9 4 9 9 9 9 9 9 9 9 9 9 9 9 9 9		Т	.14	T .11 .33		03.	.45 .34 .08; ,06 30; T	. 13								1.
HERTZ 3 E RIDMAY R RILLERS PERRY HILSTEAD HITCKELL DAM		10						.22								1	.01	.12	. 54	38 . .41 1. 43	50 09 54 69 50	.5050 .09 .10! .14 .09; .20	т				: 1				1.
OBILE WB AIRPORT OBILE WB CITY R ONTE SANO ONTEVALLO ONTGOMERY WB AP	.20								. 23						7	1	83 .47	1.53	. 03	.57 . 10 1		.01 .23 .17) .43 .10 .70					(2 1 2
ONTGOMERY WB CITY R OULTON R EVENTOR CAA AP USW BROCKTON R EWBURG				т				.01	.11						A .		. 04	.15	. 02	.34 .07 .48	04, 29 51 13	14 .15 .14 .17	T								1.
EW MARKET EWTON 2 NW NEONTA RRYILLE ZARK									.12						*			.14	.11	.11 .	13 05 58 60	1520 .42 .18 .20					:]				1.
AINT ROCK R ALMERDALE ELL CITY ENNINGTON LOCK 2 ERRYVILLE			-		-	-	-	.10	-		-		4		-	-		-	1.03	.65 .	09 25 76 06	22 51 13 .02 27	.49	-			!				1.
ETERMAN R ICKENSVILLE INE HILL INE LEVEL LANTERSVILLE									. 10								. 06	. 38	10	10 1.	22	20 1.50 .20 .06 .38 .14								,	1.3.1.
LEASANT GROVE SCH LEASANT HILL R AATTVILLE IMMROSE FARM JSHMATAHA													1	,				T !	. 05	.84	53 10 31 28	.03 .18 .13 .02 .24 .18 .08 .12									1.
ED BAY EFORM IVER FALLS IVER FALLS 2 NE R OBERTSDALE 7 E	т							15 .03						:			. 03	.19	.40		01 33 19	22 63 2.27 41 T								,	1 4 . 1 . 2 .
OCK MILLS AINT BERNARD AND MT STATE FARM AP AVRE COTTSBORO								.10	. 02										. 03	.63 . 53 . 37	65 24	.23 .59 .32 .04 .02 .10 .21 .19 .20	.01				' !	1			2. 1. 1. 1.
COTTSBORO SUBSTA ELMA HEFFIELD TVA NRSY HOEMAKER SPRINGS LOCOMB								Т	. 05					,			.50	T	T T	.18 .	06 92 37	06 .02 21 .20 25;	.27					1		1	1.
NOW HILL OUTH HILL PRING HILL UTTLE WAIM		. 39						02	13					:			. 11	1,14	. 11	.05	87 17 96	.60						1	,		1.
YLACAUGA YLVANIA ALLADEGA ALLADEGA HORN MT TWR HOMASVILLE																		:	.14 1.30 .25	.53	15 43 15	03 .23 10 .06 1.25 14	.71					•			1. 2. 2. 1.
HORSBY 1 SW E HURLOW DAW ONEY R RAFFORD RAFFORD R								.17										1	. 10	.93 .24 .	30 87	.4822 .05 .04 .31)									2.
ROY R USCALOOSA CAA AP USCALOOSA LOCK AND DAM USCREOE	. 01 T			T				т										.07 .10 7	.11 .34 T .02	.70 95	23	10 .15 .25 .36 1 85 .39 2 05 .06 .05	.04 T								1.3.3.1.
NION SPRINGS NIONTOWN NIVERSITY NIVERSITY RALLEY HEAD																		.02	T .05	89 .31 1. .85 .	48 51 50	10 30 05 17 2 60 17 2 61	55		1					;	2. 2. 4. 4.
ANCE EERON ADLTY PLLACE ALMET GROVE		. 18						. 13							1			.59	. 18	28 1.	35 1	38 3.13 11 08 42	25							,	5 1 2
ATERLOG EST BLOCTON ETUMPKA HATUEY HERLER DAM			04			. 06	. 15	.10	Т		1				.11	.18	.01	.19	. 37	.15 1.	90 27 84	26 18 1.05 06 .08 22 39 .09	. 03	. 05				04	j		4.
HITFIELD LOCK 3 IDOWS CREEK STM PL7 PL ILSON DAM INFIELD 2 SW ATES HYDRO PLANT				01				05 06 03	. 08		. 1				1 1 1			Assalts	. 08	.03 1.	18 . 17 23 . 58 .	39 50 T 14 04 . 15	T			1					1.
OUNGS STORE								.04	05										1	1		50 .20				1					1.

Table 4		_																						O	TUBE	K 1950
Station						A. I	√l. Hou	u endi	ng									P. 1	M. Hou	ır endi	ng	,				Total
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	To
													lst	-												
MOBILE WB AIRPORT MOBILE WB CITY	6														۰	٠	. 16	.01	٠	. 20						.17
												-	-4th	1-												
WIDOWS CREEK STM PL								.01		i			0.13													.01
ABBEVILLE													-8tł	1-									. 02	. 01		. 03
ASHLAND BELGREEN BEXAR 2 SE	//		. 01	.01	.01	.10	.02	.01				.01	.01	.02	.05											.03
BOAZ FLAT ROCK							.01	.01				.01	.01			.02		.18		. 05						. 04 . 18 . 07
FORT PAYNE GARDEN CITY GUNTERSVILLE CITY W WES												.01	.01			. 02	.03	.01	. 06							.06
MIDWAY	6																*	0	+	.25			r			. 22
MUSCLE SHOALS CAA AP PAINT ROCK TONEY	6		•		•	•	•	.01					1			.14	.10	. 01								.10
TRAFFORD VERNON WIDOWS CREEK STM PL							. 03	.03	.06	.01			;				.01	. 01	. 01	. 01						.04
TOTO CARDA GIR FU												_	-13tl	h-				.05								. 05
TRAFFORD													-	-	-	-	-	-	-	-	-	-	-	-	-	-
ADDPUTTE												-	-17t													
ABBEVILLE ATMORE STATE PARM EVERGREEN CAA AP	6		.01	.01	.01	.02							. 01	. 03		.01	.03	.12	.14	.02	.02	.01				. 20
FORT MORGAN JACKSON LOCK 1	//	٠	*	•	٠	٠	.45							*	*	*	*	. 01	.03	.02	.01	٠	4	٠	.80	1.25
MIDWAY MOBILE WB AIRPORT MOBILE WB CITY	6		٠	•	. 04	.04	.02	.12	*		*	*	•	.01	.02	.01	.03	.07	.04	. 63	.02	٠	٠	٠	٠	. 01
NEW BROCKTON PETERMAN RIVER FALLS 2 NE																			.02		.01	.01	.01			.04
MAN THE STATE OF T												_	-18t	h-								.03				.03
ABBEVILLE ATMORE STATE FARM			.03		.01	.01	.02	.01	.01	. 04	.06				.06	. 04	.06	. 04	.01						. 02	. 12
CAMPBELL DOTHAN CAA AIRPORT									03		.01		. 01	.01	.01	.01	.05	.06	.01		. 01					. 26
EUTAW LOCK NO 7 EVERGREEN CAA AP FORT MORGAN	, 6	.03	٠	* 1		*	*	.14		٠	*	٠	• j	.19	.01	.01	.01	*	, 05	.01	. 01					. 05
GREENVILLE NO 2 JACKSON LOCK 1 MAGNOLIA			.03		.01	.01	.05	. 07	.01	.01	.09	.10	.02 !	.10	. 03	.01	.01	.01	.02	. 02						. 17
MIDWAY MOBILE WB AIRPORT	6	.07		.03			*	.75	.01		.01		.01	. 41	. 05	.05	. 03		.01						٠	.16
MOBILE WB CITY MONTGOMERY WB AP NEW BROCKTON					.03	.15	.12	. 02	.01		.01	.02	.01	. 01	.03	. 04	.02	. 09	.09	. 07	. 01					.72 .02 .15
PETERMAN RIVER PALLS 2 NB		0.1		.01	. 02	.02	.02	.12	. 01	. 04	.01	.02	.01	.06		.05	.01	. 04								.38
TROY		.01		.01	.01	.01		.03	.01	.01	.01	_	-19t	h-												. 10
ABREVILLE ADDISON		.01	. 03	.01	.03	.06	. 04	.09	. 03	. 03	.04		.01		.02	.01		. 03	03	.01	,03	. 09	.01		.01	.45
ANNISTON CAA AP ASHLAND	//6				0		*						• !		*	*	*		*	.11	*			*	*	
AUBURN SCS 10 BERRY BIRMINGHAM WB AP					. 03		.03		.05	.05	.05	.05	.05	, 05	,05	.05			.05		.05	.02	.05	.05	.03	.97 .10 .38
DADEVILLE NO 2								04	02	01		.01	.01	.10	.08	.02	.04	.05	.09		.01		.03	.04	.05	. 54
DOTHAN CAA AIRPORT EUTAW LOCK NO 7 EVERGREEN CAA AP	6							.01	.03	.01	.01	.01						.01	.01	.01				.05	. 03	. 13
FLAT ROCK FORT PAYNE GARDEN CITY														.14	.14	.19 .07 .07	.06	.32 .14 .03	.06	.15	.02	.19	.10	.01	.03	1.39 1.04 .60
GUNTERSVILLE CITY W WKS HUNTSVILLE WB AWY	6													0.0	.12	.10	.03	.17	.10	.21	.,08	.02	.02	.07	.02	. 94
JACKSONVILLE LAY DAM MAGNOLIA											.01	.02	.01	.03	.03	.02	.01	.05	.06	.10	.11	.08	. 05	. 04	.08	.71 .24 .02
MIDWAY MOBILE WB AIRPORT	6	.14				.02				.03	.06	.07		.05	.03	.03	.03	. 04	.07	.03						.54
MOBILE WB CITY MONTGOMERY WB AP NEW BROCKTON						.03	.03	.01			.01	.01	.03	.01		.02	.01	. 01	.01			.01			.01	.03
PAINT ROCK PLEASANT HILL THORSBY 1 SW													.02			.30	.38	.12	.06	.06	.03	.05	.01	.02	.01	1.03 .05 .10
TONEY								. 03	.03		.01	.05	.04	. 05	. 01	. 01	.06	. 02	.01			.01	.09	.01		.10
WIDOWS CREEK STM PL															.13	.09	.10	.01	.09	.06	.03	.07	. 04	.01	•	.63
ABBEVILLE		.01	.01			01	.01			02	1	.02	-20t	h-		1.4	.02	.01								.32
ADDISON ANNISTON CAA AP	6	.01	.04	.01	.02	.01		.09			.01	.01	.01	.01	.01	,14		.01	.02	.12		.41	.06	.01	.01	. 65
ASHLAND ATMORE STATE FARM AUBURN SCS 10	//	•	•	•				*	*	٠	. •	٠	. 11		.40	.10	•	1.85	.05	.10	.01	.16	. 02	.01		2.10 .64 .50
BERRY		.01	. 04	.05	.04	.01	.01			.01	.02		.01	. 04	.02		.05	.04	.02	.18	.10	.07	.10	.10	.11	.45
BEXAR 2 SE BIRMINGHAM WB AP BOAZ		.06	.01	.01	.01	.01	.05		.01	. 02	.01		.01		. 04	.01	. 12	.10	.01	.02	. 13	.01	. 02		. 01	.21 .54 .40
CAMPBELL					.01	.01		.01	.02	.01				.01		.01					. 01	. 24	. 31	.10	. 02	,78

HOURLY PRECIPITATION

Table 4-Continued						A. N	A. Hou	ır əndi:	ng									P. N	4. Hou	r endi	ng					_
Station			2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
DADEVILLE NO 2 DOTHAN CAA AIRPORT		.03	. 01	.01	. 01	.01	.01	01	. 01	. 03	. 01	. 01	1		.01		.10	.15	.02	.01	.01	. 14	.01	.01	.34	.36
EUTAW LOCK NO 7 EVERGREEN CAA AP PLAT ROCK PORT PAYNE	6	.10	. 03	.02	. 02	.00	.02	.03	.05						*	*	•	*	•	.92	.02	.01	. 05	.01	.07	. 22
GARDEN CITY GREENVILLE NO 2 GUNTERSVILLE CITY W WKS HALEYVILLE		.02	. 04	.02	.07	. 01			. 03	.02		.01	.01	. 01	.02	.02	.01	.01	. 02	.10	. 28	.09	.02	. 01	.02	. 61
HUNTSVILLE WB AWY JACKSON LOCK 1 JACKSONVILLE	6	.22	.03	.01	,02	. 01	, 10	.17	.01	.01	.01					. 23	. 02			.01	.01	.02	. 22	.10	.01	.30
LAY DAM MAGNOLIA MIDWAY MOBILE WB CITY		.02	.10	. 04	.02	.01	.03	. 01	.01	.01	.01		. 03	.01	.15	. 09	.01	.05	.01		. 33	.01	.42	.07	.03	1.00
MONTGOMERY WB AP MOULTON MUSCLE SHOALS CAA AP NEW BROCKTON	6	.01									!	.09	.01	.02	.56 .03 *	,03 *	* .24	. 11	.07	.02	*		.04	*	.18	. 6:
PAINT ROCK PETERMAN PLEASANT BILL RIVER FALLS 2 NB		.07	.01	.01		.01	.07	.02	. 04	.01		•			. 04	.01	.01	.10 .04	.43	.30	.02	.03	.04	.02	.01	. 16 . 95 . 86
THORSBY 1 SW TONEY TROY		.09	, 06	.07	.02		.01	1 00				.08	.02	. 02	.01	.11	. 23		.13	.04	.01		.04	. 03	.11	. 93
TUSCALOOSA CAA AP UNIVERSITY	6	1			.03	.05	.01	.08	•			·	-21	.02 st—	•	•		. 25	. 43	.77	•	.01	.04	•		. 87
ABBEVILLE ADDISON ANNISTON CAA AP	6	.01	.02	.02	.01	.09	.01	.04	.02	.03	.01	.01	.05	.01	, 01					.01				.02		. 03
ASHLAND ATMORE STATE FARM BELGREEN BERRY	//	.01	. 03	.01	.01	.01	.03	.06	.04	.03	.01	.01	.02 .01 .01	.12	.01 .01 .06	.01		. 03			.01	.01				. 33 . 16 . 73 . 43
BEXAR 2 SE BIRMINGHAM WB AP BOAZ CAMPBELL		.03	.01	.01	.05	.06 .01 .05	.07 .20 .01	.01 .07 .03	.02	.08	,06	. 11	.04	.03	.02		.01	0.4	0.0		.01					.35
DADEVILLE NO 2 DOTHAN CAA AIRPORT EUTAW LOCK NO 7		.01	.06	.10	.03	.01	.03 .01 .01	.02	.02	. 01	.01	.01	,01				,01	.01	.03	. 02	.30	.01	* .08	. 18	.02	1.13
EVERGREEN CAA AP FLAT ROCK FORT PAYNE GARDEN CITY	6	.09	.01	.04	.02	.03	.01	.02	.07	. 02	.01	.01	.01	.10	.01 .01	*		•	*	.16	*	٠	•	*	•	. 14
GREENVILLE NO 2 GUNTERSVILLE CITY W WKS HALEYVILLE HUNTSVILLE WB AWY	6	.02	. 04	.01	, 01	. 24	. 18	.01	.01	.02	.09	.07	.07	.02	. 01	.01				,		.02	.06	. 02	.01	. 11
JACKSON LOCK 1 JACKSONVILLE LAY DAM MAGNOLIA		.02	.01 .02 .18	.01	.02 .01 .01	.02 .01 .04	.01 .02 .01	. 03	.01	.01	. 01	01	. 01	.03	.01	.03		.01	.01	.02	.15					.16
MARION 1 SSE MIDWAY MOBILE WB AIRPORT	6	:			.02	.02	*	.10				.01		.04	.01	.01		.01	. 01	.01	.06	.20	.18		.14	. 63
MOBILE WB CITY MONTGOMERY WB AP MOULTON MUSCLE SHOALS CAA AP	6	.13	.02	.06	.04	.01	.06	.02	.04		.04		.08	, 25						. 04			,			. 62
NEW BROCKTON PAINT ROCK PETERMAN PLEASANT HILL		.02	.02	. 01	. 03				.02	.01		.06						.04	.01	.01	.01	.02	.03	.01	.07	. 13
RIVER FALLS 2 NE THORSBY 1 SW TONEY		.02	.02	04	. 16	.03	.04	.01		. 02										.09	.10	, 00	, 00		, 00	. 19
TROY TUSCALOOSA CAA AP UNIVERSITY WIDOWS CREEK STM PL	6	.08	,05	.02	.15	,03	.07	.42	,03	.01	٠	*	.07	.10	*	*	*	•	*	.01	*	•		.01	•	. 01
ABBEVILLE			.11	02	. 01				.01				-2	2d-	-											.1
ADDISON ANNISTON CAA AP ASHLAND ATMORE STATE FARM	6				.01	.13		,02						1			1	02	.01	01	*	٠	.01	.01	.01	. 10
BERRY BEXAR 2 SE BIRMINGHAM WB AP		.01	.03	.02	.07	.03 .02 .01	.02 .01	.01	.01	.01		.01	.01					,02		.02			.04	, 02		. 22
BOAZ DOTHAN CAA AIRPORT EUTAW LOCK NO 7 EVERGREEN CAA AP	6	.01	٠	٠	. 01	.01	,01	*		.10	.01	٠	. 09											, 02	. 02	. 03
FLAT ROCK FORT MORGAN FORT PAYNE GREENVILLE NO 2	//	. 01						.18				. 02	, 57	1			1			•					. 02	. 20
GUNTERSVILLE CITY W WKS HALEYVILLE HUNTSVILLE WB AWY JACKSON LOCK 1	6				. 08	.05	.01		.06	,			٠	.31		01	.02									. 00
JACKSONVILLE LAY DAM MAGNOLIA				0.0	4.0	0.5			. 08	. 01							,	. 01		. 03	.07		.01	, 04	. 08	.03
MARIO 1 SSE MIDWAY MOBILE WB AIRPORT MOBILE WB CITY	6	. 14	. 14	. 08	.12	.05	.03	1.01									. 22	. 01		. 01	.10				.13	, 09
MONTGOMERY WB AP MOULTON MUSCLE SHOALS CAA AP PAINT ROCK	6		•	*	.01	.02	.10	.13	٠	* . 09	.12	.01	*	. 04										.04		. 14
PLEASANT HILL THORSBY 1 SW TONEY TROY		.09	.03	.01	.06	. 04	. 09		01										. 02	.01	.01		01	.01	. 22	.13
TUSCALOOSA CAA AP UNIVERSITY	6	.07		4	*	*	٠	.30											, 02	. 01	, 01		.01			. 17

HOURLY PRECIPITATION

ALABAMA OCTOBER 1950

						A. 1	M. Ho	ur endi	ing									P	M Hou	or end	ing					-
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
ERNOR		•	•	•	٠	٠	٠		9	٠		1 11	-23	d-			*					-				1.
NISTON CAA AP HLAND WORE STATE PARM DRRY	//6	. 01 . 07 . 01		.66 01 02	02	.02	06			٠	٠	26	.02	81												1
RMINGHAM WB AP DEVILLE NO 2 TAW LOCK NO 7 ERGREEN CAA AP RT PAYNE	+	04 15	.05 21 04	63	01 04	01	09	. 01	. 34	. 07		01	.06			٠				. 03						
EENVILLE NO 2 CKSONVILLE Y DAM RION 1 SSE		.01	06	01					. 01	. 02	22	. 01	.02	01				. 07	. 03	01						
EASANT HILL ORSBY 1 SW OY		13	. 01	01	01	.01		. 03									. 21	. 02				. 01	.01			
SCALOOSA CAA AP IVERSITY	6		٠	.60	1 15	.70		1,84		.01	. 01		*	.01												2.
AFFORD		-	-	-	~	-	-	~	-	-	_	-	-26	th-									A significant of the significant			-

Table 5				-							-																					- 1	-
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	Day o	of mor		18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
ALBERTVILLE 1 S	MAX		80	79	78	67	65	69		77	67	76	78 45	72	73 42	82 44	80 48	79:		76	71	71	69	69	75	69	72	78	75	77	79	81	74.
ALEXANDER CTY 6 NE	MAX	76	58 79 59	53 81 51	55 75 51	73 42	45 71 48	79 44	80 54	71 42	45 78 40	45 80 44	79 48	78 38	82 39	85 43	82 47	77 59	72 64	71 64	63 71 63	63 77 64	62 75 63	79	62 79	81	83	78	56 79	83	56 84	56 85	78.
ANDALUSIA	MIN	76	83	84	84	85	84	84	84	86	74	80	83	84	80	81	85	84	77	71	72	0.8	63	84	53 81	79	79	83	83	83	53	85	81.4
ANNISTON CAA AP	MAX	63 73 62	65 81 57	58 82 53	58 72 51	72 43	51 71 46	52 79 45	56 79 56	52 72 42	45 78 40	47 81 45	77 45	51 76 39	50 84 42	53 86 45	56 82 51	80 56	76 64	65 70 65	63 72 65	75 66	71 64	74 57	60 72 52	53 78 52	52 80 45	78	80	53 82	54 84	57 84	77.
ATMORE STATE FARM	MAX	84	85	84	83	79	78	85	88	80	80	83	85	82	83	86	88	80	69	75	78	77	76	81	79	79	84	54 85	84	85	53 85	52 871	52.0 81.8
AUBURN	MAX	75	78	58 80	82	52 81	53 74	55 71 54	59 80 60	51 79 46	70 46	51 77 51	55 81 52	51 80 48	79 49	53 82 49	53 85 52	62 81 61	75 62	73	64 70 64	68 75	80	62 80	61	79	79	55 81	77	80	59 81	58 84	78.
BAY MINETTE	MAX MIN	66 85 67	61 86 65	57 84 60	56 82 60	48 78 52	51 81 54	85 55	87	77	80 48	82 52	83	81	84 50	87 53	87 58	78 62	70 65	63 76 65	77	65 75 67	65 82 60	65 80 63	58 80 61	50: 80: 50:	52 85 54	57 86 56	57 87 58	52 83 59	56 85 60	60	55.1 81.1
BELLE MINA 2 N	MAX	80	79	82	71	73	75	78	79	71	75	75	75 41	73	83	83	85	84	82	78	79	75	73	76	76	74	78	81	84	85	83	85	78.4
BIRMINGHAM WB AP	MAX	75 65	55 81 62	53 80 56	55 68 50	75 41	73 51	45 79 53	76 53	71 45	40 76 45	80 48	78 47	79 42	40 85 47	42 86 49	84 52	80 57	54 75 65	55 74 64	56 71 65	62 73 67	60 76 65	54 79 59	50 65 52	45 77 47	40 82 47	79 54	78 57	51 82 55	51 84 58	50. 85 56	77.6 54.6
BIRMINGHAM WB CITY	MAX	79	84 62	85 59	78 61	78 44	78 50	81 54	78 60	75 44	80 49	83 52	82 56	78 53	87 52	90	88 58	86 59	75 60	73 65	68	72 66	77	81	70 58	79 50	85 51	80	79 62	84 62	87 63	89	80.3
BREWTON 3 SSE	MAX MIN	84 68	84 62	84 53	84 54	80 53	77 49	85 43	88 55	80 52	81	84	85 45	81 38	82	85 41	86 45	80	69 64	75 65	82	76 60	82 59	81	80	81 47	85 45	84 54	83	84	85 ¹	87.	82.1 52.8
CAMDEN	MAX	80	83	82 56	77 58	78 48	77	84 49	85 59	77	80 47	83 44	84 54	81 48	84 45	85 48	85 52	79 63	75 67	77 66	72 64	78	83 67	83 64	77 59	77	81 50	84 53	82 63	84 59	86 58	87 59	81 (56.3
CAMP HILL 2 NW	MAX	76 62	80	80 56	78 56	72	78 47	82 48	81 44	78 43	79 45	80 53	80 52	80 46	81 43	85 50	82 53	75	74 60	68	74 64	79 64	77	80	80 57	80	80	78 52	80 54	81 51	85 54	85 53	79.0 53.4
CENTREVILLE	MAX	79 73	78 64	81 61	84 64	78 50	76 48	77 51	80 54	79 46	75 46	77 48	82 52	80 46	81 46	84 50	86 52	88 58	82 64	75 68	75 65	77:	78 68	78 65	80 59	76 54	80 53	83 52	83	79 56	85 57	87 59	80.1
CHATOM	MAX	83	86	84	80 59	77	80 43	84	85 49	75 43	81	85 42	83	83	85 40	87 42	88 42	81 59	69	78 65	72 66	77 62	84	84	82 55	80	84 45	86 48	84 55	85 55	87 55	88 55	82.5 52.5
CITRONELLE	MAX	84 68	80 66	83 62	82 64	75 52	79 54	83	86 61	77 51	78 51	62 56	81 59	82 55	83 55	85 58	86	78 62	68 64	78 64	71 63	74 68	80 65	79 65	80	79 55	83 57	84	83	82 63	84	86 65	80.5
CLANTON	MAX	78 65	76 61	79 56	80 58	72 46	73 47	70 50	76 54	80	69 44	76 47	79 50	79 43	77 44	80 45	82 51	82 55	76 64	74 66	70 64	69 64	76 66	77 65	78 60	73 55	73 52	79 52	75 57	77 54	80	82 54	76.
CORDOVA	MAX	84 64	86 56	83 53	73 50	75 40	78 43	79 45	78 47	70	78 42	82	78 45	79 39	86	87	82 49	85 50	80 58	79 65	70 63	76 66	77 65	80	74 53	76 50	82	80 45	78 55	85 53	87	86	79.1
DAYTON	MAX	80 67	84 63	83 59	71 61	75 45	71 52	81 56	84 56	75 45	79 45	82 49	80 55	80 52	85 46	81 51	85. 55	76 65	75 68	75 65	70 64	79 65	81 67	80 65	70 57	75 48	81 52	84 54	80 61	84 59	85 59	87 60	79.3
DECATUR	MAX	76 64	82 61	81 60	74	73	75 49	79 53	76 57	70 45	74 48	81	75 58	77	84	83 50	88	84	79 61	77 63	73 65	74 67	72 63	78	69 55	72 50	78 48	79 54	81 59	81 58	81	84	77.5
DOTHAN CAA AIRPORT	MAX	82 67	83 62	85 61	85 58	81 54	72 54	85 54	81 63	75 51	81	83 50	85 54	80 46	82 46	85 50	82 56	72	73 65	69	82 62	81	85 64	82 65	83 59	84 55	84 53	83 58	81 55	84 55	86 56	89	81.5
EUFAULA	MAX	78 66	84 61	80 55	82 58	80 50	77 51	82 50	80 61	75 52	82 49	81 59	85 54	84 46	80 41	82 45	87 51	78 62	74 62	75 63	76 64	79 68	82 67	76 66	78 57	81 52	81 49	81 54	81 54	78 51	79 53	80 54	79.9
EVERGREEN CAA AP	MAX	82 65	84	84 51	83	78 50	73 48	82 45	88 55	74	81 39	82 42	83 46	80 40	83 39	84 42	84 47	79 62	70 64	74 65	79 63	79 67	83 64	81 62	79 54	79 45	83 45	83 47	83 56	84 55	86 53	86 52	81.1
PAIREOPE	MAX	85 66	85 64	84 60	85 59	79 52	80 52	84 55	86 59	77 50	77 46	82 50	84 55	82 50	84 50	86 51	87 56	76 60	72 62	76 62	79 60	77 63	81 58	81 63	81 57	82 49	82 51	83 54	83 59	80 56	83	85 59	81.5
PAYETTE	MAX	82 64	76 57	82 53	82 58	71 38	74 41	78 45	78 51	76 39	72 39	78 40	80 48	78 40	79 42	84 45	83 47	86 53	83	77 64	80 65	70	74 67	80 63	80 53	66 48	77 47	80 46	81 54	75 53	84	84 53	78.4 51.4
FORT MORGAN	MAX	82 70	84	84	81	75	76	75	83	82	82	81	80	79 62	80 62	82 63	85 65	76 64	75 63	75 64	80 64	76 67	80 65	76 68	81 62	82 64	80 63	80 63	82 66	80 65	83	85 68	80.2
FRISCO CITY	MAX	74 65	82 63	83 59	83 60	83 50	77 52	73 53	83 57	86 48	75 45	81 48	83 53	84 48	80 51	83 52	85 56	85 62	79 64	68 63	73 63	76 64	78 63	82 64	81 60	80 48	79 49	83 56	85 62	85 61	85 58	87 58	80.5
GADSDEN	MAX	81 62	73 58	80 52	82 59	71 47	70 47	70 44	78 51	77 46	71 41	78 44	81 47	76 37	76 38	82 41	87 46	81 56	80 59	78 68	73 65	73 66	70 63	69 62	79 58	70 51	77	77 48	77 50	80 50	82 52	84 50	76.8 51.8
GENEVA	WAX WIN	79 68	88 67	85 59	85 55	85 53	82 52	79 52	88 58	84 56	78 42	80 47	84 50	85 47	81 44	82 46	86 52	85 56	75 65	73 65	75 66	76 65	77 63	84 65	84 60	82 54	82 50	83 52	83 57	83 53	84 54	85 56	82.0 55.8
GOODWATER	MAX	78 65	74 63	79 57	80 59	71 47	73 51	70 52	77 58	79 45	69 45	78 48	81 52	79 48	76 46	83	85 52	81	75 62	71 65	69 64	75 64	75 63	75 63	77 58	72 49	78 50	83 53	79 57	80 53	81 58	85	77.0 55.2
GREENSBORO	MAX	79 66	84 62	84 60	75 62	79 46	77 50	84 54	79 58	76 43	82 47	84 49	84 54	83 45	88 48	88 54	88 56	83 59	77 67	75 65	76 64	80 66	84 68	84 63	72 56	80 50	85 52	85 56	81 60	88 ' 59	89 59	90	82.0 56.7
GREENVILLE	MAX	78 66	81 59	81 58	80 57	74 52	72 49	77 54	82 58	76 45	75 45	78 49	80 57	77 53	79 52	81 57	81 58	78 63	72 65	70 66	78 64	78 69	80 66	79 64	78 59	75 50	79 54	79 59	79 59	80 58	81 57	84	78.1 57.4
HALEYVILLE	MAX	81 60	79 60	79 56	71 54	69 40	75 56	75 49	71 54	69 38	73 45	78 48	74 53	75 49	79 51	83 55	85 55	80 58	80 62	78 63	74 63	69 65	73 64	76	69 53	72 49	78 50	79 53	75 58	80 60	81 62	82 62	76.2 55.0
HIGHLAND HOME	MAX	79 66	81 63	80 59	80 61	74 50	72 51	85 61	80 64	76 48	78 48	80 57	80 53	77 51	83 53	82 57	82 59	74 61	73 64	71 63	73 63	81 65	84 65	81 65	78 60	76 52	80 55	82 56	81 57	82 59	85 61	85 62	79.2 58.4
BUNTSVILLE WB AWY	MAX	78 60	80	80 56	71 47	73 46	74 54	77 52	77 47	68 46	76 45	80 44	74 48	76 40	83 42	85 46	84 50	82 60	80 59	76 62	74 63	73 69	70 59	77 57	64 49	72 49	79 41	77 50	78 59	82 56	83 54	83 52	77.0 52.3
LA PAYETTE	MAX	76 64	79 64	81 54	80 56	72 47	65 50	81 48	80 49	75 45	78 48	81 52	80 55	78 49	84	87 51	82 53	74 57	72 57	70 60	74 63	77 65	74 62	77 63	79 57	79 49	81 52	78 50	78 51	83 53	86 59	85 59	78.3 54.5
LIVINGSTON	MAX MIN	77 66	83 62	83 56	75 61	75 45	77 46	81 57	77 56	73 43	79 43	82 45	81 51	79 42	85 44	86 47	86 50	83 62	76 67	78 64	77 65	80 65	81 67	82 63	74 56	78 49	82 51	83 50	79 57	86 56	87 56	87 56	80.4 54.8
LOCKHART	MAX	78	84	84	84	84 53	79 52	79 54	84	83 54	75 43	80 49	83 54	83 51	80 50	82 52	84 56	85 64	73 64	71 66	72 62	75 68	77 61	80 65	81 61	79 51	79 55	82 57	82 61	82 55	83	85 58	80.4 57.7
ENCEDIES.	MIN	69	65	59	61	23																											

Day of month

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Station																Day (Og .
Otation			2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Avei
XWELL FIELD	MAX	79 67	82 65	82 60	80 58	76 51	73 54	81 55	85 61	72 50	77 50	79 54	82 56		81 51	83 55	84 58	78 66	76 70	72 66			82 70	81 66	80 61		81 56	80 57	79 57	81 59	85 59	83 58	79.5 59.0
BILE WB AIRPORT	MAX	85 68	85 67	84 62	84 60	78 53	80 53	82 57	87 61	75 52	80 48	84 54	85 56	80 53	83 53	85 52	87 59	77 62	71 62	77 64	77 63	76 64	81 61	79 64	82 60	82 55	85 55	83 56	82 63	83 61	85 62	88 62	81.7 58.8
BILE WB CITY	MAX	84 70	85 68	83 62	82 62	76 55	79 54	83 60	8.5 61	73 50	77 51	81 54	83 58	81 54	83 53	85 54	86 60	77 64	72 65	76 66	80 66	76 68		78 67	80 60	79 55	83 56	84 59	82 63	81 63	84 62	86 65	80.7
NYGOMERY WB AP	MAX	78 65	82 63	84 57	81 57	78 49		81 52	84 59	72 48	78 47	80 50	82 54	82 47	84 45	86 49	84 54	76 65	75 68	72 65	73 64	80 68	83 68	81 63	80 57	81 54	84 51	82 53	81 55	84 55	85 57	86 56	80,4 56.3
NTGOMERY WB CITY	MAX	77 67	81 65	82 60	80 58	76 52	72 53	80 57	82 61	72 51	78 51	80 55	81 56	79 54	83 55	85 58	84 61	77 65	75 69	72 65	73 64	79 68	82 68	79 65	79 57	81 55	82 57	80 58	81 59	82 59	85 60	86 61	79.5 59.5
SCLE SHOALS CAA AP	MAX	75 64	80 61	82 58	70 50	74 45	75 46	75 52	73 48	69 44	75 46	79 46	73 50	77 46	82 49	88 50	87 53	81 58		78 61	71 67	71 65	75 62	72 56	64 50	73 48	78 47	80 54	76 58	83 60	84 59	84 59	76.8 54.0
EONTA	MAX	82 63	74 58	81 52		67 40						79 43									72 63						78 46	80 48	80 55	81 56	83 49	86 51	77.6 51.7
ARK	MAX			84 59		80 52		84 55		79 53	80 49		83 56	80 50	83 49	85 52	85 57	77 63	71 63	71 64	80 63	79 68	85 64	83 67	81 61	80 53	84 55	83 58	83 57	85 57	86 60	87 67	81.5 58.3
LL CITY	MAX																										80 48	80 50	78 48	80 47	82 52	84 53	-
ATTVILLE	MAX	79 68	82 64	82 57	78 60	76 49	75 48	81 53	84 57	72 47	79 47	80 49	79 50	78 44	87 43	86 47	84 50	78 64	76 68	73, 67	72 64	79 68	82 62	78 68	77 61	80 55	83 51	79 53	78 56	83 54	85 56		79.6 56.0
SHMATAHA	MAX	76 66	81 61	82 56	81 60	75 47	74 45	80 45	82 56	80 46	73 42	79 46	84 55	81 43	84 44	84 46	85 50	85 59		75 62	75 62	75 61	79 63	79 63	82 55	75 49	77 49	81 49	84 57	80 54	85 56		80,2 53,4
BERTSDALE 7 E	MAX	83 68	83 65	83 61	33 61	79 55	80 53	81 55	83 55	75 55	80 45	81 52	84 56	81 51	81 50	84 51	85- 56	78 63		76 64	79 62	75 67	79 59	79 64	79 61	81 51	84 53	81 54	81 59	82 59	83 59		80.7 57.7
CE MILLS	MAX	75 65	83 58	82 54	75 51	74 46	77 48	80 43	80 54	74 43	78 42	82 44	82 47	81 39	84 39	88 42	83 46	77 59	74 64	70 65	75 64	75 65	73 63		70 54		83 44	77 51	79 48	78 48	86 52	85 51	78.7 51.5
INT BERNARD	MAX MIN	82 61	76 59	82 52	82 58	74 43	75 45	74 45	79 51	79 42	70 41	77 42	80 47	75 41		84 44	85 47		82 59	79 62			71 63	76 58		70 45		82 45	78 50	79 49	85 50		77.9 50.6
ND MT STATE FARM AP	MAX	72 62	78 54	78 59	69 58	69 42	71 49	75 49	76 57	72 42	72 43	77 44	72 45	73 40		82 48	80 52	78 55		72 62	72 63			74 61	67 55			84 44	76 53	79 57	82 55		75.4 52.2
OTTSBORO	MAX	79 62	82 58	83 60	70 48	76 40			78 58	70 41	78 45	80 46		79 40		87 45	86 50	84 52		75 59	75 64		70 65	79 63	73 54		79 45	81 47	79 52	81 51	85 57	85 52	78.8 51.6
LMA	MAX	82 67	87 63	87 58	78 60	80 48		85 52		77 46	81 47	84 48	84 53	84 45		89 48	89 52	81 63			74 64		86 68	83 67	79 62		85 52	86 53		87 56	89 58		83.2 56.7
RING BILL	MAX		84 66	85 63	83 63	82 53	78 54			88 53	76 48	82 56	85 59	84 53			88 55	87 62	75 63	68 64	77 63				78 61	81 56	81 57	84 59			85 62		81.6 58.8
LLADEGA	MAX	76 66	83 58	83 53	71 55	75 41	74 45	79 48	79 48	73 41	78 42	81 45	79 50	79 39	85 41	88 45	85 50	82 57		71 64	70 64		75 65				82 47	79 52	81 58	84 52	87 55		78.9 52.7
OMASVILLE	MAX	81 68	85 63	82 65	72 64	74 48	74 51	82 53	84 59	72 47	79 46	81 50	80 55	79 53	84 54	85 53	86 53	80 62		73 64	69 63		87 66	80 64	74 58		80 56			83 62	86 63		79.5 58.1
OY	MAX	76 65	80 61	81 59	82 60	82 50	76 51	70 55	83 60	82 49	72 49	80 55	81 58	81 51	80 51	82 53	83 58	82 63	73 64	72 63	68 62	75 65	81 65	83 65	81 58	78 53	76 53	80 58	80 58	81 59	84 61	85 62	79.0 57.9
SCALOOSA CAA AP	MAX	78 65	85 59	83 56	70 53	74 45	77 46	82 49	75 54	74 40	79 41	82 44	79 45	79 44	86 45	87 47	87 50	83 61		78 65	72 64		82 66		65 48	78 47	83 49	84 47	79 54	86 52	87 54		79.9 52.8
SKEGEE	MAX	78 67	79 61	82 57	83 57	81 50	76 51	76 52	84 60	83 48	72 47	79 50	83 55	81 51	61	85	87 55	85 61		75 66	69 65		82 67		83 60		80 52	84 58	81 58	83 54	83 58		80.5 56.8
ION SPRINGS	MAX	82 61	84 63	85 58	84 58	79 48	70 52	82 56	82 62	73 52	80 48	82 53	82 54	82 48	85 48	86 51	85 56	74 63		72 66	76 64		84 66	81 61	81 54		83 53	81 53	82 58	84 56	85 59		80.9 57.0
IVERSITY	MAK	75 65	82 61	82 58	67 53	74 44	74 49	78 52	74 55	72 42	78 44	81 46	78 50	78 44	84 45	86 48	85 52	82 59		74 63	67 63		81 66		63 50		83 50	80 50	75 58	85 54	86 56		77.9 54.0
LLEY BEAD	MAX	76 60	80 55	79 55	70 47	70 37	70 47	76 44	73 40	70 38	74 40	74 40	72 40	74 34	82 40	83 40	84 49	78 48		80 60	73 64		70 63		75 55		79 47	78 46	76 50	81 49	82 54	84 49	76.2 49.2
TUMPKA				82 59		76 49			82 60			80 51		79 45		83 49			76 68		73 65			81 68									79.2 57.5
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EVAPORATION AND WIND

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Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
UBURN	EVAP	.10	.12	.21	.18	.18	.15	.12	.19	.12	.19	.17	.19	. 27	.29	.20	.19	.29	.16 136	.*	86	.21	.15	.08	.08	.15	14	. 20	.10	.11	. 10	13	4.77
AIRHOPE	EVAP																					31	.06	.01	. 22	.12	. 13	.07	. 08	.09	.11	. 09	B4.16

									OCTOBER 1956
Station	ON County	Drainage † Latitude Longitude	Obser vation time of the control of	Refer to tables	Station	oN County	Drainage † Lantude Longitude	Observation United States of States	Refer to tables
ABBEVILLS ADDISON ADDISON CENTRAL TOWER ALBERTY ALBERTYLLE 1 S ALECANDER CITY 6 ME ALICENTILL ARRALUSIA ARBISTOR CAA AIRPORT ARLET	0008 EENRY 0063 WINSTON 0071 LAWRENCE 0140 WILCOX 0168 MARSHALL 0163 TALLAPOSSA 0178, FICKENS 0252 GOVINGTON 0272 CALHOUM 0336 WINSTON	4 31 34 85 15 2 34 13 87 10 2 34 25 87 19 1 32 14 87 25 12 94 16 86 13 11 32 59 85 52 13 30 98 88 10 6 31 19 08 30 7 33 35 95 51 2 34 04 87 13	455 NID 3. P. MITCHELL 1509 A. A. B. B. GODSEN IC. 179 A. B. B. B. B. B. B. B. B. B. B. B. B. B.	3 4 3 4 3 5 2 3 5 2 3 5 2 3 5 2 3 5 3 5	MADISON MAGELLA MAGNOLIA SE MARION JUNCTION MARION JUNCTION MARION JUNCTION 2 WE MASTIN DAM MAKWELL FIELD MELTYIN MESTZ 3 E	4976 BADISON 4996 JEFFERSON 5004 MARENGO 5108 PERRY 5118 DALLAS 5121 DALLAS 5121 DALLAS 5140 TALLAPOOSA 5202 MONTGOMERY 5384 CHOCCA* 5382 BIEB	12 34 42 86 45 3 33 30 86 51 1 32 08 87 39 3 32 37 87 18 3 32 26 87 14 3 32 28 87 13 11 32 25 86 25 1 32 25 86 25 3 32 56 88 27 3 32 53 87 20	654 SA ALABAMA POWER CO. 185 MID DR. T. H. GAILLARD 263 SA O. MYRON HOLIFIELD 304 SA MRS.MARGARET SMITH	2 3 5 3 4 3 4 3 3 3 3 5 3 3 5 3 3 5 3 3 5
A SELAND A SEVILLE A TE ERS A THORE STATE FARM AUGURN AUGURN AUTHORN SCS 10 AUTHORN SCS 10 BATON BAY MINETTE BEATRICE BEATRICE	0369 CLAY 0377 ST. CLAIR 0390 LIMESTONE 0402 ESCAMBIA 0422 LEE 0447 LEE 0440 AUTAUGA 0546 COLBERT 0583 BALUTIN 0616 MONROE	11 33 16 85 50 7 33 50 86 16 12 34 8 86 59 8 31 10 87 28 11 32 36 85 30 11 32 36 85 30 12 34 43 87 52 9 30 53 87 47 1 31 44 87 13	NID BENEY L. NC QUEEN 709 70 70 70 70 70 70 7	3 4 3 2 3 4 5 2 3 5 6 3 4 3 3 3 2 3 5	MIDWAY MILLERS FERRY MILSTEAD MITCRELL DAM MOBILE WB AIRPORT MOBILE WB CITY MONTE SARO MONTSVALLO MONTGOMERY WB CITY MONTGOMERY WB CITY	5397 BULLOCK 5417 WILCOX 5439 MACON 3465 CBILTON 5478 MOBILE 5483 MOBILE 5528 MADISON 5537 SHELBY 5550 MONTGOMERY 5555 MONTGOMERY	4 32 04 85 32 1 32 06 87 22 11 32 27 85 54 7 32 48 86 27 9 30 41 88 15 9 30 42 88 02 12 34 45 86 31 3 33 06 86 53 1 32 18 86 24 1 32 23 86 16	490	3 3 2 3 4 5
BELGEEN BELLE MINA 2 N BERRY BERRY BERRY BERRY BERLINGSLEY BIRMINGEAM WB AIRPORT BIRMINGEAM WB CITY BISHOP BOAZ BRANTLEY	0631 FRANELIN 0655 LIMESTONE 0748 FAY STTE 0790 MARION 0823 AUTAUGA 0831 JEFFERSON 0836 JEFFERSON 0854 COLERT 0957 MARSHALL 1069 CRENSHAW	12 34 28 87 52 12 34 42 66 54 2 33 40 87 36 13 34 12 88 09 1 32 40 66 43 2 33 32 86 50 12 34 39 68 05 2 34 13 86 10 6 31 35 86 18	910 MID TVA-43 600 49 P ALA. POLY. INST. 452 MID MISS CLARA R. OLIVW MID MISS CLARA R. OLIVW MID MISS CLARA R. OLIVW MID MISS CLARA R. OLIVW MID MISS CLARA R. OLIVW MID MISS CLARA R. OLIVW MID MISS CLARA R. E. HENDERSON 284 8. R. E. HENDERSON	3 4 3 2 3 4 5 2 3 5 3 4 3 4	MOULTON MUSCLE SHOALS CAA AP HEN BROCETON HENDURG HEN MARKET HENTON 2 HW ONEONTA ORBVILLE GMARK PAINT ROCK	S625 LAWRENCE 5749 COLBERT 5842 COFFES 5847 FRANKLIN 5862 MADISON 5875 DALE 6121 BLOUNT 6161 DALLAS 6218 DALE 6226 JACKSON	12 34 29 87 17 12 34 45 87 37 5 31 23 85 86 12 34 29 87 35 12 34 54 86 26 5 31 1 85 37 2 33 57 86 30 1 32 18 87 34 5 31 23 85 39 12 34 40 86 20	725 7A TTA-644 725 7A TTA-624 216 7A JAMES L. BUTTO 857 7A L. E. SELLERS 200 8A EDWARD B. WARREN	3 4 5 3 4 5 3 4 5 3 4 5 3 4 5 3 4 5 3 4 5 5 5 5
BREWTON 3 SSE BRI DGEPORT 2 W BRUNNIDGE CALERA CAMPELL CAMP BILL 2 NW CARBON BILL CENTER GROVE CENTREVILLE	1084 ESCAMBIA 1099 JACKSON 1178 PIRE 1288 SHELBY 1300 WILCOX 1315 CLARRE 1324 TALLAPOOSA 1377 WALKER 1492 MORGAH 1520 BIBB	6 31 04 87 03 12 34 56 85 44 5 31 43 85 49 7 33 06 86 45 1 32 00 87 20 13 31 55 87 59 11 32 50 85 39 2 33 54 87 32 12 34 23 86 38 3 32 57 87 08	85 6P 6A MRS. CLARA T. PRAYE 660 5P MISS M. LOUISE JONES 500 6A ZEMMA P. ROLCOMBE 5P 5P ALA. POLY. INST. 680 5P 6P ALA. POLY. INST. 430 7A MISS MAY C. RAY 780 7A TVA 7D 10D 11F 12D 1	3 3 2 3 5	PALMERDALE PELL CITY PERNINGTON LOCE 2 PERRYVILLE PSTERMAN PICENSVILLE PIME LEVEL PLANTERSVILLE PLANTERSVILLE PLESSANT GROVE SCHOOL	6246 JEFFERSON 6326 ST. CLAIR 6335 CBOCTAF 6336 PERRY 6370 MOWROE 6414 PICKERS 6480 WILCOK 6468 MOWTGOMERY 6508 DALLAS 6521 JACKSON	3 33 44 86 39 7 33 34 86 18 13 32 08 88 02 3 32 37 87 08 1 31 35 87 16 13 33 13 88 16 1 31 59 87 36 6 32 04 86 04 1 32 39 86 56 12 34 57 85 55	8A ROBERT P. STORES 480 7A 7A LEON L. MATTRENS 20 7A CORPS OF EMGINEERS 8A MES. GERTROUS GREEN 163 7A MES. DELLA I. CLAY 110 7A MES. DELLA L. OAKLEY 7A C. W. ADMAS 240 7A O. B. BARMES 333 7A TWA-585	3 5 3 3 4 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3
CEATOM CRILDERSBURG CITROWELLE CLARTOM CLATTOM COFFEE SPRINGS COLLINSVILLE COLUMBIA CORDOVA CUEA	1568 WASBINGTON 1615 TALLADEGA 1685 WORLLE 1694 CHILTON 1725 BARBOUR 1807 GEWEYA 1849 DE KALB 1865 HOUSTON 1940 WALEER 2079 SUMTER	13 31 28 88 15 7 33 17 86 21 9 31 05 88 14 7 32 51 86 38 5 31 53 85 27 5 31 10 85 55 7 34 15 85 52 5 31 18 85 06 2 33 46 87 11 13 32 28 86 23	195 6P 6P CRAR . C. SMITE 6490 4890 4890 4890 4890 4890 4890 4890 4	2 3 5 2 3 5 2 3 5 3 5 3 3 3 3 2 3 5	PLEASANT HILL PRATTY ILLE PRIMICOSE PARM PUSHMATAEA RED BAY REFORM RIVER FALLS RIVER FALLS ROBERTSDALE 7 E ROCK MILLS	8526 DALLAS 6640 AUTAUGA 6584 MONTGOMERT 6719 CHOCTAN 6805 FRANELIN 6847 PICKENS 6937 COVINGTON 6842 COVINGTON 6842 COVINGTON 6848 BALDWIN 7025 RANDOLPH	1 32 10 86 55 1 32 28 86 28 1 32 28 86 28 1 32 20 86 15 13 32 12 88 21 12 34 27 86 09 13 33 23 86 01 6 31 21 86 32 6 31 23 86 32 6 31 23 86 32 8 30 33 87 48 4 33 09 85 18	180 NOOW W. E. ELSBERRY 8A 8A MES. JAMIE C. BROWN 627 7A TVA-493 7A WILLIAM T. AMBROSE 7A JOHN T. BRADLEY WID ALABAMA ELECTRIC CO 150 9P 6P CARL BOSECK	3 4 3 5 3 5 3 5 3 3 3 4 2 3 5 2 3 5
DADEVILLE NO 2 DANCY DANYILLE NO 2 DANYILLE DAYTON DECATUR DECATUR NO 4 DECATUR SUBSTATION DEMORPHIS LOCE 4 DOTHAN CAA AIRPORT	2119 TALLAPOSSA 2124 TALLAPOSSA 2141 PICKEMS 2149 MORGAN 2188 MARENGO 2207 MORGAN 2216 MORGAN 2221 MORGAN 2221 MORGAN 2240 MARENGO 2372 HOUSTON	11 32 50 85 45 11 32 50 85 46 13 33 01 88 17 12 34 25 87 04 13 32 21 87 39 12 34 37 86 58 12 34 36 65 81 13 32 31 87 51 5 81 14 85 26	760 8 8 DR. W. B. FULTON 1700 WID JAY D. LAME 207 7P R. F. SWITE 7P R. F. SWITE 7P R. F. SWITE 7P R. TYA-505 6P 6A WES. FREDA TRIMBLE 600 8 R. TYA-411 100 7A CORPS OF ENGINEERS 322 WID 10 CITIL AREO ADM.	3 4 3 3 5 2 3 5 5 3 5 3 4 5	SAINT BERNARD SAND MT. STATE FARM AP SAYER SCOTTSBORD SUBSTATION SEALE 7 WHW SELMA SHEFFIELD TVA HRSY SHOMAKER SPRINGS SLOCOMB	7157 CULLMAN 7207 DE KALB 7282 JEFFERSON 7304 JACKSON 7310 JACKSON 7328 RUSSELL 7366 DALLAS 7415 COLBERT 746C LIMESTONE 7576 GENEYA	2 34 12 86 47 12 34 17 85 58 2 33 43 86 58 12 34 41 86 02 12 34 41 86 01 4 32 18 85 17 1 32 25 87 00 12 34 46 87 42 12 34 51 87 12 5 31 06 65 35	1185 6P 6P ALA POLY INST. 304 7A DORA R. WEBSTER 680 6P ERS. EINZIE BOBO 7A TVA-7SA 358 8A B. G. BUBE	2 3 5 2 3 5 3 3 5 3 3 5 3 3 3 3 3 3 3 3
ELBA ELBAD EUFALA EUTAW LOCK NO 7 EVERGREEN CAA AP FAIRBOPE PALCO 5 NE FALEVILLE FALES CITY 6 NW FARLEY	2577 COFFEE 2632 TUSCALOOSA 2727 BARBOUR 2742 GREENE 2763 CONECUII 2813 BALDWIN 2832 COVINGTON 2840 MORGAN 2848 WINSTON 2867 MADISON	10 31 25 86 04 13 33 15 67 48 4 31 53 85 08 2 32 47 87 50 6 31 25 87 02 9 31 06 86 33 12 34 22 86 53 12 34 04 87 20 12 34 36 86 34	204 9.4 DOZIER B. ROBERTS 252 74 K. V. BERNY 254 57 8.8 BARRY F. MANGANS 114 7.8 8.8 DOLBROK 257 MID MID CIVIL AERO ADM 23 MID 58 MARCH D. YATES 260 7.4 74.3 4.8 650 7.4 74.3 4.8 74.4 74.5 670 8.4 774.3	3	SNOW BILL SOUTH BILL SOUTH BILL SUTTLE SWAIN STACAUGA STLVANIA TALLADEGA TALLADEGA BORN MT. TWR	7620 VILCOX 7671 DE KALB 7733 MODILE 7963 PERRY 7968 JACESON 7994 TALLADEGA 8012 DE KALB 8024 TALLADEGA 8032 TALLADEGA 8178 CLARKE	1 32 00 87 01 12 34 24 86 02 9 30 42 88 10 3 32 32 87 11 12 34 53 86 13 7 33 10 86 13 12 34 34 85 49 7 33 26 86 08 7 33 18 86 04 13 31 55 87 45	145 7A J. F. SUTTLE, JR. 665 7A TVA-385 548 8A ALABAMA POWER CO. 7A TVA-386 554 6P 6P C. D. WEAVER 1919 6A U.S. FOREST SERVICE	3 3 3 3 3 3 3 2 3 5 5 3 3 5 3 5 3 5 5 5 5
FAYETTE FLAT ROCK FLORENCE AT LOCK FLORENCE AT LOCK FORT DEPOSIT FORT MORGAN FORT PAYNE FHISCO CITY GADSDEN GAINES YILLE GARDEN CITY	2083 FATETTE 2945 JACKSON 2976 LAUDERDALE 3024 LOWNDES 3035 BALDWIN 3043 DE KALB 3105 MONFOC 3151 ETOWAH 3160 SUNTER 3200 CULLMAN	13 33 41 87 50 12 34 46 85 41 12 34 7 87 90 6 31 59 86 35 9 30 14 88 01 7 34 26 85 43 8 31 26 87 24 7 34 01 86 09 2 34 00 86 44	359 88 AB LOIS V EILLINGSWORT 450 7A FYA-387 750 7A FORDS OF ENGINEERS 520 7A MORS. I SABEL C. HUGH 579 879 84 JOHN W. PATE 554 8A G. ERMEST HALCOME 130 7A FYLANK J. FILLDS 8 MRS. G. MC ERMEST HALCOME	3 4 3 8 3 2 3 4 5 3 4	THORSBY 1. SW THURLOW DAM TONEY TRAPFORD TROY TUSCALOOSA CAA AP TUSCALOOSA LOCK & DAM WURKEGEE UNION SPRINGS UNIONTOWN	8204 CEILTON 8215 ELMORE 8259 MADISON 8285 JEFFERSON 8323 PIEE 8388 TUSCALOOSA 8386 TUSCALOOSA 8386 MACON 8448 BULLOCE 8446 PERRY	1 32 54 86 44 11 32 32 85 54 12 34 54 86 44 2 33 49 86 44 10 31 49 85 58 2 33 14 87 37 2 33 13 87 35 11 32 24 85 42 6 32 08 85 44 1 32 27 87 31	170 MID MID CIVIL AERO ADM. 152 7A CORPS OF ENGINEERS 459 8A 8A PROF. N. L. LANIER	3 4 3 4 3 4 3 4 5 2 3 4 5 2 3 5 3 5 3 5
GENEVA COODMATER GORGAS GREENSBORO GREENVILLE GREENVILLE CULF SORES 2 SSE GUNTERSVILLE CITY WIR GUNTERSVILLE DAM EALETVILLE DAM	3255 GENEYA 3399 COSSA 3430 WALKER 3511 HALE 3519 BUTLER 3524 BUTLER 3526 BALDWIN 3578 MARSHALL 3583 MARSHALL 3620 WINSTON	5 31 02 85 52 7 33 04 86 03 2 33 39 87 13 2 32 42 87 36 6 31 50 86 38 9 30 16 87 40 12 34 22 86 17 12 34 26 86 24 2 34 14 87 38	107 7A REBECCA CAMPBELL	2 3 5 3 5 3 5 2 3 5 2 3 5 3 4 3 4 3 4 5	UNIVERSITY VALLEY HEAD VANCE VERNON WADLEY WALLACE WATERLOO WEST BLOCTON WETUMPEA	8454 TUSCALOOSA 8469 DE EALB 9477, TUSCALOOSA 8517, LAMAR 8605 RANDOLPH 8637 ESCAMBIA 9648 ETOWAH 9686 LAUDERDALE 8809, BIBB 8859 EL MORE	. 2 33 12 87 33 7 34 34 85 36 3 31 31 31 31 31 31	225 MID MID DR. F. H. MITCHELL 1031 BB AMES. CARRIE DALBY 180 MID COUNTY AGENTS OFF. 640 A ALABAMA POWER CO. 167 7A MIS. FLORENCE PARKER 650 7A MIS. FLORENCE TRAKER 67 A RUPERT M. BEAGUE 205 6P A MISS. D. N. WHITAKER	2 3 4 5 2 3 5 3 4 3 3 3 3 3 3 2 3 5
HARILTON HARRISBURG 6 SE SAMETYILLE MEADLAND ESLENA RICHLOWER BIGHTOWER BODGES HUNTSVILLE SUBSTATION HUNTSVILLE WB AWY.	3644 MARION 3897 PERRY 3748 LOHNDES 3791 HENRY 3783 SHELBY 3816 CRENSHAW 3842 CLEBURNE 3849 PRANKELIN 4060 MADISON	3 34 08 87 59 3 32 48 87 11 1 32 11 86 35 5 31 21 85 20 33 31 9 86 51 6 31 57 86 19 11 33 32 95 24 13 34 20 87 56 12 34 43 86 35 12 34 42 86 35	488 7.4 REX COOPER 600 8.6 U.S. FOREST SERVICE 8.6 MAXINE E. WATSON 7 P. ALA. POLY. INST. 7 A ROLFE H. EARRISON 594 59 FULUE JOEDAN 8 A THOMAS J. BART 610 BID BID U.S. WEATHER BUREAU	3 5 3 5 3 3 3 3	WHATLEY WHERLER DAM WHITPIELD LOCK 3 WIDOWS CREEK STM PL WILSON DAM WINFIELD 2 SW YATES BYDRO PLANT YOUNGS STORE (NEAR) NEW STATIONS	3867 CLAREE 8875; LAWRENCE 8925; CHOCTAW 8936 JACESON 8980 COLBERT 8998 FAYETTE 9103; ELWORE 9350 LAUDERDALE	13 31 39 87 43 12 34 47 87 21 13 32 17 88 01 12 34 53 85 45 12 34 48 87 37 13 33 56 87 49 11 32 34 85 54 12 34 57 87 53	170 74 LEONARD L. COLEMAN 780 74 TVA-52 30 74 CORPS OF ENGLINERS 812 74 CORPS OF ENGLINERS 530 6A CORPS OF ENGLINERS 335 6A ALABAMA POWER CO. 780 780 774-621	3 3 4 3 3 3 3 3 3 3 3 3 3
HYTOP JACKSON LOCK 1 JACKSON SHOALS JACKSOWILLE JACKSOWILLE JORDAN DAM LA FAISTTE LAY DAM LEEDS LEESBURG LIVINGSTON	4099 JACESON 4192 CLAREE 4198 TALLADRGA 4209 CALBOUN 4306 ELMORE 4502 CHAMBERS 4603 COOSA 4619 JEFFERSON 4627 CHEROREE 4798 SUNTER	12 34 54 86 05 13 31 33 88 01 7 33 32 86 12 7 33 49 85 45 7 32 57 86 15 11 32 54 85 24 7 32 58 86 31 3 33 33 86 33 7 34 11 85 46 13 32 35 88 11	1500	3 4 3 3 2 3 5	PELL CITY	6327 ST. CLAIR	7 33 34 86 18	480 7A 7A LEON L. MATTERNS	23 5
LOCKHART LOCK NO 17	4822 COVINGTON 4855 TUSCALOOSA	9 31 01 86 22 2 33 29 87 20	290 8A 8A H. C. YOUNG 7A CORPS OF ENGINEERS	2 3 5					

\$ 1-ALABAMA; 2-BLACE TARRION; 3-CARARA; 4-CRATTABOOCEKE; 5-CHOCTAWHATCHEK; 6-CONECUH; 7-COOMA; 8-ESCAMBIA; 8-GULF; 10-FEA; 11-TALLAPOOMA; 12-TENWESSEK; 13-TOMBIGBER

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

REFERENCE NOTES

Unless otherwise indicated, dimensional units used in this bulletin are: Temperatures in '7, precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Newton Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 4 are from recording gages. Traces are not shown

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

- No record in Tables 3, 4, 6, and the Station ladox. No record in Table 2 and 5 is indicated by no entry. When howrly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4. And also on a lator date or dates. And also on a lator date or dates. And also on a lator date or dates. And also on a lator date or dates. See the distribution unknown. Cage is equipped with a windshield. Station not equipped with a windshield. Station not equipped with a windshield. Adjusted to a Tail month. Adjusted to a Tail month. Adjusted to a Tail month. Adjusted to a Tail month. The tail of th

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- 150 -

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CLIMATOLOGICAL DATA

ALABAMA

NOVEMBER 1950 Volume LVI No. 11 JOHN GOODMAN
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ALABAMA - NOVEMBER 1950

A. R. Long, Section Director - Montgomery

WEATHER SUMMARY

Movember 1950 which was cold and as a whole rather dry, will be long remembered by many citizens on account of the great drop in temperature on the 24th and 25th. The morning of the 25th was, over the entire State, colder than has ever been recorded in November. Minimum temperature records were broken by as much as 6 to 9 degrees in most north and central localities and about 2 degrees on the coast.

Wind movement did not average stronger than usual, but a cycle of pronounced temperature changes ran .nreagh the month, so that every few days a spell of unusually warm weather would be followed by unusual cold.

The weather warmed up considerably on the 26th, after the severe cold on the 25th, but temperatures were still much below normal, and unusually cold weather persisted from the afternoon of the 23rd until the morning of the 30th. Frosts appeared earlier than usual in the south and central portions and there was some scattered frost in most sections on the 5th or 6th.

For the month as a whole, precipitation was moderately heavy in the extreme northwest corner of the State, where Young's Store had 6.20 inches. It graded off lighter toward the southeast, so that in the southeastern half of the State monthly totals were mostly from a half inch to an inch and a half. The driest areas were in a strip running from Washington and Mobile Counties northeastward through Tallapoosa and Chambers Counties, and in the southern counties along the Georgia border.

All precipitation fell in advance of the periodic incoming cool waves. There were light to moderately heavy showers on the 3d to the 4th, and light scattered showers on the 9th to the 1lth. On the 16th, light to moderate showers occurred in the north and there were some light scattered showers in the south, and light to moderate showers were reported in most areas on the 20th.

Snow fell at a large majority of northern stations on the 24th, and amounts up to 2 inches or more were reported locally. Precipitation was only scattered in the south at this time, but small amounts of sleet or snow occurred in some localities.

The extreme cold late in the month was known to have caused the death of at least 14 persons in the State. A man was frozen to death in snow atop Sand Mountain in Jackson County. The other 13, scattered over the State, died of burns as a result of getting too close to open fires or from other heating problems. Four others were seriously burned.

Extensive damage was done by freezing to automobile radiators, water pipes and shrubbery. It is not possible to make an accurate estimate of State-wide losses, but in the Montgomery area alone the total was about \$100,000. Accurate and timely warnings issued on the 23rd resulted in savings of about \$500.000.

Good progress was made in harvesting and fall planting. Dry soil, however, made pasture and field grazing very short over the south and east-central portion, and the progress of legumes in these sections was slow. Appreciable damage to these crops, particularly lupine, was done by the severe freeze, and winter collards were practically wiped out over the northern half of the State.

No reports were received of severe local storms, and there were no floods. ---FCP

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclima tic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred asout \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred sout \$250,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U. S. Weather Bureau, Washington 25, D. C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

SUPPLEMENTAL DATA

ALABAMA NOVEMBER 1950

	Wind	direction		Wind	speed p b		Relati	ve hum	idity ave	rages -		Numb	er of d	ays with	precip	itation		,	toset	
Station	Prevailing	Percent of tarie from prevailing	Average	Fastest	Direction of lastest mile	Date of instest mile	12:30 a CST	6:30 a	12.30 p	6:30 p	Trace	60 -10	10-49	50-99	1 00-1 99	2 00 and ever	Tetal	Percent of possible sunshine	Average sky cover sunnse to su	Degree days
MINGHAM WB AP	NNW	9	7.6	31	SW	20	/8	83	50	66	2	3	5	1	0	0	11	59	4.8	See Table
ILE WB CITY	51.7	16†	10.7†	40	SW	20	80†	83†	48†	711	2	1	2	0	0	0	5	66	3.3	**
TGOMERY WE CITT	NNW†	12†	6.4	29†	SWT	20†	79†	86†	50†	62†	2	6	1	0	0	0	9	761	4 11	**
IRPORT DATA																				,

COMPARATIVE DATA

Precipitation	Average No. of days	.17 5 .72 5 .19 8	.49 9		.44 3 .70 8 .55 6 .97 8 .09 12
Pred	Average	3.87 3.17 1.72 3.19 3.35	0.85 3.49 2.51 1.77 3.44	3.70 3.55 4.97 8.09 15.30	0.80 1.67 3.17
	Lowest	2.3 18 15 12 11	22 12 20 19 18	23 16 27 22 24	18 - 2
emperature	Highest	87 90 90 85 89	85 85 85 87 87	85 87 88 81 87	83 89
T	Average	57.6 56.6 53.3 51.5 56.5	52.4 54.7 54.3 57.4 52.3	54.9 57.0 60.8 53.1 56.8	54.2
-	Year	1934 1935 1936 1937 1938	1939 1940 1941 1942 1943	1944 1945 1946 1947 1948	1949 1950 Period
ation	No. of days	3 5 8 4 3	7 5 5 7	6 8 5 7	2 7 8 5
Precipit	Average	1.22 2.09 4.46 1.94 1.36	4.13 3.12 2.82 1.36 5.06	4.54 3.05 3.63 1.89 5.22	0.25 4.16 1.92 3.68 2.15
	Lowest	18 21 11 15 16	9 20 12 20 25	21 18 25 18 22	13 18 20 24 16
emperature	Highest	90 86 87 86 88	86 89 99 81 81	87 89 87 92 80	90 82 83 88 85
Т	Average	59.9 31.7 50.6 50.6 56.6	53.1 56.6 54.8 51.5 53.5	57.3 51.0 58.3 57.3 52.2	56.3 52.9 50.6 60.5 53.3
	Year	1909 1910 1911 1912 1913	1911 1915 1916 1917 1918	1919 1920 1921 1922 1923	1924 1925 1926 1927 1928
tation	No. of days .Ol or more	6 8 9 2 6	8 2 7 7 6	3 4 7 5	6 6 4 6 5
Precipi	Average	2.54 4.62 5.77 1.13 3.64	4.86 0.47 4.98 3.90 2.76	0.78 1.53 4.06 2.02 5.62	3.01 3.85 1.89 4.18 2.07
	Lowest	15 18 18 9 20	20 23 12 18	11 18 14 21 12	18 23 16 21 12
emperature	Highest	82 85 84 84 84	82 85 90 89 86	85 84 90 85 87	80 86 84 85
Т	Average	52,0 52,6 52,5 53,4 54,9	52.6 57.7 52.8 53.6 53.7	51.1 53.9 58.0 54.8 50.4	56.0 35.4 49.2 38.1
	3A.r	84 85 85 87 88	89 90 91 92 93	94 95 96 97 98	99 00 01 02

CLIMATOLOGICAL DATA

				Tempe	erature									Precipitation	on				
		1					60	No. o	f days			P		Snov	v, Sleet, Ha	iil	No	o. of da	ув
Station	Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	Мах. 90° от аbоте	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground at oben.	Date	.01 or more	.25 or more	1.00 от
NORTHERN DIVISION																			
ALBERTVILLE 1 S ANNISTON CAA AP BELLE MINA 2 N BIRMINGRAM WB AP BIRMINGRAM WB CITY	44.1M 46.1 45.3M 47.2 51.0	- 6.9 - 4.2 - 2.9	82 83 84 83 86	1 1 1 1 1	0 5 0 5 5	25+ 25 25 25 25 25	569 597 535 428	0 0 0 0	18 16 1.	2.41 1.88 E3.90 1.69 1.88	- 1.31 - 1.36 - 1.62 - 1.43	.72 .93 1.47 .56	21 20 2 3 3	T 3.0 1.4	T 1 T	25 24 24÷	5 7 6 9 8	4 2 5 2 4	0 0 2 0 0
CORDOVA DECATUR FAYETTE GADSDEN GOODWATER	48.5 47.6 46.1 45.3 47.9	- 4.0 - 3.3 - 6.4 - 6.1	86 84 85 84 85	1 1 1 1 1 1 1	6 3 6 4 6	25 25 25 25 25 25	504	0 0 0	16 11 20 19 15	2.71 3.01 E3.21 1.76 1.76	70 19 54 - 1.45 - 1.50	.85 1.03 .92 .78 1.07	21 3 21 21 21	2.2 1.5	2 3 3 2 0	25 24 24 25	5 8 7 6 4	4 4 5 3 2	0 1 0 0
HALEYVILLE WE AWY MADISON MUSCLE SHOALS CAA AP PELL CITY	46.9 44.7 4.55 4.55 45.8M	- 5.7 - 5.1	79 83 86 81 85	1 1 1 2	0 1 0 2 5	25 25 25 25 25 25	544 609 583	0 0 0 0	11 15 17 15 19	3.27 3.17 83.42 3.93	29 10 .48	1.50 1.22 1.22 1.66	20 20 21 2	2.5 1.5 1.5 4.0	3 2 2 0	24 24 24+	6 7 8 11	3 4 4 4	1 1 1 1
ROCK MILLS SAINT BERNARD SAND WIN STA FARM AP SCOTTSBORO TALLADEGA	48.5 44.0 45.6M 45.2 48.1	- 6.6 - 5.2 - 5.1	86 86 81 83 86	1 1 1 1 1 1	6 2 - 1 1 5	25 26 25 25 25	582 590 518	0 0 0 0	17 20 13 17 17	.96 2.50 E1.95 E2.50 E1.06	- 2.28 - 1.22 78 - 2.24	.82 .90 .77 .75	21 21 20 20 20	T 1.5 1.0 2.5	T	25 24	4 10 6 6 6	1 4 4 5	0 0 0
TUSCALOOSA CAA AP UNIVERSITY VALLEY HEAD	48.8 46.7 44.4	- 4.6 - 6.7 - 5.0	86 85 80	1 1 1	10 6 - 2	25 25 25	482 549 614	0 0	16 15 17	3.02 E3.00 E2.33	56 59 83	1.21 1.10 1.34	3 16 21	T . 9	T	24	6 5 5	4 3 3	1 2 1
DIVISION	46.5									2.51				1.4					
MIDDLE DIVISION												1						1	
ALEXANDER CITY 6 NE AUBURN CAMDEN CAMP HILL 2 NR CENTREVILLE	47.8 48.8 52.8 47.6M 49.9	- 6.7	84 84 85 85 87	1 1+ 1 2	5 9 13 6 10	25 25+ 25 25+ 26	512 379	0 0 0 0	17 11 13 16 12	.84 .65 .66 1.57	- 2.27 - 1.60	.77 .57 .40 .63	20 21 20 21 21	.0 .0 .0	0 0 0 T	24	4 7 2 5	1 1 1 3	0 0 0
CLANTON DAYTON EUPAULA GREENVILLE HIGHLAND HOME	47.5 52.4 52.8 53.4	- 6.1 - 3.2 - 3.7	83 85 85 88	1+1111111111111111111111111111111111111	8 13 12 18 10	25 25 25 25 25 25	392 374 367	0 0 0 0 0	15 13 6 8	E .84 1.06 .73 1.39 1.80	- 2.45 - 2.02 - 1.72 - 1.53	.47 .30 .34 .52 .85	21 16 21 3 20	.0 T	0 0		6 5 6 4	1 1 3 2	0 0 0 0
LAPAYETTE LIVINGSTON MARION JUNCTION 2 N MAXWELL PIELD MONTGOMERY WB AP-	49.7 51.1 50.8 51.0 50.0	- 2.1	85 85 86 84 85	1 1 1 1 1	6 13 11 14 13	25 25 25 25 25 25	463 419 433 434 455	0 0 0 0	12 13 14 7	E .57 2.96 .69 .87 1.04	03	.49 1.65 .34 .63	20 4 20 20 20	.0 .0 .0 T	0 0 0 0		4 7 4 5 6	1 3 1 1	0 1 0 0 0
MONTGOMERY WE CITY PRATTVILLE PUSEMATAHA SELMA THOMASVILLE	52.0 50.1 50.9 53.8 52.8	- 3.8 - 4.4 - 4.3 - 2.6 - 2.9	85 85 87 89 85	1 1+ 1 1	12 13 15 13 14	25 25 25 25 25 25	404 455 354 374	0 0 0 0	7 14 13 10 9	.63 1.16 .51 .85	- 2.60 - 2.13 - 2.43 - 2.45	.48 .65 .34 .69	20 20 21 21	1.0 1.0	0		7 3 5 2	1 1 1	0 0
TROY TUSEEGEE UNION SPRINGS WETUMPKA	51.8 50.9 52.3 51.2	- 5.7 - 5.3 - 3.3 - 4.7	85 87 87 85	1+ 2 1	12 12 15 12	25 25+ 25 25	396 425	0 0 0	9 12 11 11	1.17 1.23 .78 .83	- 2.15 - 1.71 - 2.19 - 2.35	.45 .71 .68 .78	4+ 21 21 21	.0	0 0		5 6 2 2	2 2 1 1	0 0
DIVISION	50.9	1		1	1	İ				1.04	1	1		0.2					
SOUTHERN DIVISION	,						,												
ANDALUSIA ATMORE STATE FARM BAY MINETTE BREWTON 3 SSE CHATOM	53.1 54.8 55.1 52.0 52.2	- 4.6 - 4.7	87 86 86 86 87	1 1 1 1 1	16 17 19 16 18	25 25 25 26 25	329 321 390 388	0 0 0	7 10 7 14 14	1.68 .75 1.03 .48 .81	- 1.87 - 2.55	.53 .60 .52 .42 .60	21 20 3 21 20	.0	0 0 0		7 2 4 2 4	3 1 2 1 1	0 0 0 0
CITRONELLE DOTHAN CAA AP EVERGREEN CAA AP FAIRHOPE FORT MORGAN	55.9M 52.5 50.0 54.6 58.2M	- 3.4 - 6.8 - 4.2	84 88 86 84 83	1 1 0	20 17 15 21 26	25 25 25 25 25	294 389 448 323 237	0 0 0	10 15 7 1	.93 .84 1.66 1.14	- 2.34 - 2.21 - 1.38 - 1.98	.86 .46 .95 .64	20 16 3 3	.0	0 0 0		3 5 6 2 2	1 2 2 2 1	0 0 0
FRISCO CITY GENEVA LOCKHART MOBILE WB AIRPORT MOBILE WB CITY	52.2 52.4 53.8 54.1 55.2	- 3.3	87 86 87 84 85	1 1 2 1 1 1	15 18 17 22 22	25 25 25 25 25 25	341	0 0 0	12 9 6 8 3	.94 .58 1.86 .68	- 2.08 - 2.35 - 3.13	.63 .25 1.19 .51	21 21 4 20 20	.0	0 0 0 0		5 3 7 4 3	1 2 1 1	0 0 1 0
OZARK ROBERTSDALE 7 E	53.9M 54.6	- 3.5	88	1 1	14	25 25	354 322	0	8 7	.73 1.26	- 2.17 - 2.12	. 45	4 3	. o	0		5 2	1 2	0
DIVISION	53.8			6					"	0.96				т					
STATE	49.4	- 4.8		1	1	1	1			1.67	- 1.50	}		0.7		1			

Table 3											11.1	. 1	111		11 1	IU	111	O14													ER 1950
Station	_					- 1			-			-				of m		10	10	- 7	, T		22	24	7.0	20	22	28 2		- 21	Total
	1	- 2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	. 17	18	19	20	21		23	24	. 25	. 46	21	28 2	9 ,	30 31	
ABREVILLE E ADDISON CHTRL TOFER ALBERTA ALBERTVILLE 1 S		.11	1.16	. 86 . 07 . 58	1.05				. 18	.06					т	.17	. 42			1.01	1.11			.36	.04						3.80 .44 2.41
ALEXANDER CTY 6 NE ALICEVILLE ANDALUSIA ANNISTON CAA AP ARLEY			.48 .70	08 1,25 .60 .01 .43	. 04				. 16	т	.03					.10	. 65 . 52 . 70			.77	.53			.06 E.03							1.68 1.88 E2.92
ASHLAND //R ASHVILLE ATHENS ATHORE STATE PARM ATMORE STATE FARM R			1.33	.28 .35 .41					т	.80 T	. 15					. 35	. 20		.02	.55 .50 .60 .49	.74			.14	.16						1.20 2.23 2.78 .75
AUBURN AUBURN SCS 10 R AUTAUGAVILLE BARTON BAY MINETTE			.02 .33 .70 .52	. 50						.06	. 03				Т	1.13	. 29			.60 .60 .42	.73			. 25						.03	.84 .99 1.02 3.18. 1.03
DEATRICE BELGREEN BELLE MINA 2 N BERRY BERAE 2 SE BE		1.93 1.47 .05 .41	.82 .81 .81	.20 .20 .06 .03				.35	.10		-					.92 .38 .63 .37	.60			1.73 1.20 .45 1.72			. •	.19 E.30 .13							5.89 E3.90 2.45
BIRMINGHAM WB AP BIRMINGHAM WB CITY BISHOP BOAZ BOAZ			.56 .64 1.45 T	.03 .11 .70 .43 .06	.08				.15 T	. 17	.03				. 05	.22 .29 1.08	.57		.08 T	.43 .41 .65 T	. 53			.10	T					.01 T	1.69 1.88 4.36 1.97 1.89
BRANTLY BREWTON 3 35E BRIDGEPORT 2 W BRUNDIDGE CALERA			. 83	.77 .06	т				. 26	T .06	.09					. 39	Т	.23		. 89	.38	.59		.29		T .07					1.24 .48 2.66 1.01 .90
CAMPELL R CAMPELL 2 NW CENTER GROVE CENTREVILLE			.02	.07 .03 .62 .54	. 09				.11	.13	Т				, 01	.39	.09		т	.12	.63 .78 .55	т		.02 .10 T							.65 .78 .66 2.66 1.57
CHATOM CITROMELLE CLANTON COPFEE SPRINGS COLLINSVILLE			.40	.03	. 03				. 10	T .06	.03					.09	. 15				.47				E.10						.81 .93 E .84 1.00 3.07
COLUMBIA CORDOVA CUBA DADEVILLE DADEVILLE NO 2 R			. 90	.04	. 01					.35	. 05					.05	48 . 28	. 03		. 57	. 56 . 35 . 29 . 65	-	-	-	T .22	-	-				.60 2.71 1.85 .71
DANCY DANYILLE DAYTON DECATUR DECATUR NO 4			1.25 1.25 .23 1.03 1.10	.02 .84 .08 .75	. 13 T			Т		.33 .15 .25 .25	.10	.08				. 65 . 51 . 30 . 26 . 05	. 46 . 19 . 45			1.55 .46 .18 .21 .15	.55			.03 .12 .10 .03							3.75 4.57 1.06 3.01 4.23
DECATUR SUBSTATION DEMOPOLIS LOCK 4 DOTEAN CAA AIRPORT DOTEAN CAA AIRPORT ELBA			1.05 .12 .04 .05	.55						.19	T .10	.03				.46	. 42 . 45 . 01		.01	.27	. 25			.03	.02						3.96 1.38 1.61 .77
ELROD EUFAULA EUTAW LOCK NO 7 KUTAW LOCK NO 7 EVERGREEN CAA AIRPORT			1.11	.88 .20 .44	. 14 T				. 04	.13 .11 .07	.08	Т	.07			.04	. 46			. 36	.74			.06 T	E.08						E2.53 .73 E2.40 2.33 1.66
PAIRHOPE FALCO 5 NE FALEVILLS FALLS CITY 6 NW FARLEY			. 64	.51 .70 1.52 .09	. 26				. 02	.03					. 03	.55	.20 .57 T			.20	. 45 . 80 . 60 . 28			.01 .04 E.20 .19							1.14 1.20 3.09 82.89 3.32
PAYETTE FLAT ROCK R FLORENCE AT LOCK FORT DEPOSIT FORT MORGAN			.80 .84 1.16	.44 .06 .68 .26	.03 T				. 40	.03	. 04	т				.46 .28 1.04	.05		.07	.86	.92		۰	8.30 .20 .50							R3.31 2.64 4.51 1.30 .46
FORT MORGAR FORT PAYNE FORT PAYNE FRISCO CITY GADSDEN			.07	.06	. 03				. 24	. 17	.04	T				.38	.04			.41	.63		-	E.14 .06	.10	-	-	-			1.63 1.47 .94 1.76
GAINESVILLE GARDEN CITY GARDEN CITY GENEVA GOODWATER		.01	.75	.27 .75 .05 .10 .55	T T				. 17	. 16 . 18 T	т					,56	.31			1.04	.52			T . 18	. 20 E.01 T						3.85 82.59 2.76 .58 1.76
CORGAS GREENVILLE GREENVILLE NO 2 GUNTERSVILLE CITY W WKSR GUNTERSVILLE DAW			. 23 . 52 1.00 . 62 . 04	.57	.02 T				.08	. 18	.06					.38	.55		Ŧ	.38	.71			.5a T	E.12 T						E2.36 1.39 1.38 1.66 1.74
BALEYVILLE RAMBLTON BAPRISBURG 6 SE HAYNEVILLE		.47	.72 .92 1.32	.39	.03				.15	.07	.02					.45	.50 .03 .30 T			1.50	.13 .87 .70 .86			.20	.06 T						3.27 3.52 1.66 1.06
RELENA BIGHLAND BOME BIGHTOWER BODGES BUNTSVILLE SUBSTA			.05 .74 1.59 .50	.35	.06 T				. 11	.18						. 10 T	.75			.85 1.56 .02	.55			. 22	.05						1.77 1.80 1.48 5.20 3.04
HUNTSVILLE WE AWY HYTTOP JACESON LOCK 1 JACESON LOCK 1 R JACESON SHOALS		.50	.52	.09	.06				.06	.30 .13 .04 .19						.52	. 43			.30	.08	-		. 15	.11						3.17 3.11 .54 .48 1.70
JACKSONVILLE R JORDAN DAN LA FAYETTE LAY DAN LAY DAN R			.59	.06					.27	.03	. 03					.35	. 20			.49	.70			.13 E.02							2.40 .96 3.57 .95
LREDS LEZBURG LIVINGSTOW LOTKHART LOCK NO 17			.46	.32 .45 1.65 1.19 .45	.03 .05 T					.35 .49 .12 .05 .24	. 10					.37	.31 .17 .06 1.09		j	. 60	. 48 . 80 . 47 . 80			.07	.10						1.60 2.02 2.96 1.88 3.10

Station	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	of m		18	19	20	21 22	23	24	25	26	27	28	29	30	31	Total
MARION 1 SSE	B -		.68	. 45	.02	-		_	. 13	.20	. 01,					. 22	. 28			.10	1.22		E. 15	02							E3.6
MARION JUNCTION MARION JUNCTION 2 WE MARTIN DAM MAXWELL FIELD MELVIN			06	.04 .05	. 05			1	.03	.10 .20	.05 T					. 10	.06			. 63	. 58		Т	. 10 T							. (. (. (. (. (. (. (. (. (. (
MERTZ 3 E MIDWAY MILSTEAD MITCHELL DAM MOBILE WB AIRPORT	R		.06	48 .01 .48 .08	T .05				.08	.03 .04 .15	T . 63						. 25		1	. 42	. 53 . 66 . 52		03	-							1.5
MOBILE WB CITY MONTE SANO MONTEVALLO MONTGOMERY WB AP MONTGOMERY WB CITY	R		.10	. 60 . 52 T	. 05				. 03 . 03	. 03 . 25 . 02 . 03	T T			1		. 50	. 52	1	Т	.86	1.78		1.30					.30	т		4.6
MOULTON MUSCLE SHOALS CAA AP NEW BROCKTON NEWBURG NEW MARKET	R	1.66	.73 .60 .83	09 .08 .02 *	. 02			.03	.11	.02 37 .21				1	. 13	.65 .83 .92 .42	.06	. 03	.02	.43	1.38		.10								3.8 3.1 1 5 2.8
NEWTON 2 NW ORRVILLE OLARK PAINT ROCK PALMERDALE	R	.23	. 52	.95 .45 .08 .60	09				. 32	75		.03				T . 56	.17	F	,	1.18	. 45		. 10	.06			,	!			2.6
PELL CITY PENNINGTON LOCK 2 PERRYVILLE PETERMAN PICKENSVILLE	R	1	.90	45 -					. 10	.02	-					1 1 1	•	1		31	. 37		T	.02							.8
PINE BILL PINE LEVEL PLANTERSVILLE PLEASANT GROVE SCH PLEASANT HILL	R	1	. 25	.44						.08 15 24		. 04				. 02	. 22	ļ		.08	.65 .85 1.05		.04	.08							1.1
PRATTVILLE PRIMROSE FARM PUSEMATARA RED BAY REFORM			.57 2.00 1.02	56 .45 .70 .23						04 06 .25	т					. 16	. 80		2.00	.65	.71		.35 .01	. 10							6.1
RIVER FALLS RIVER FALLS 2 NE ROBERTSDALE 7 E ROCK MILLS SAINT BERNARD	R!		.11	. 19	. 05	.03					.08				. 03	.35	. 17			58 .58	.60 82 .90		T .06	.13			Ť	:			1.1
SAND MT STATE FARM AP SAYRE SCOTTSBORO SCOTTSBORO SUBSTA SELMA	1		.65	01 79 05 .59 04	. 05 T				40	. 25 . 47 . 36 . 05	т					.42 .02 .40 .36	42 .07 T			.77 75 17	68 .34		E.10 E.25 18	. 08							K1.9 2.8 E2.5 2.4
SHEPPIELD TVA NRSY SHOEMAKER SPRINGS SLOCOMB SLOCOMB SLOW BILL SOUTH BILL			1.95	2.44	54			,	05	07		т			.10	. 21	.31	,		.78	. 86 55 .51 .63		.12								4.6
SUTTLE SWAIM SYLACAUGA SYLVANIA TALLADEGA -			.48	. 58 07 . 85	.05					. 25 . 07 . 31 . 16						. 28	.08 .81 .10 .34	I		.11	66 .71 .24 .89		.12 * E.08	.08					.09		2.8 .5 2.6
THURLOW DAM	RI	.72	.11	.05	. 01			.03		.06	ŧ					.32	. 15			.79	.50 .69		. 30	. 08							1.0 1.3 2.9
TROY	R R		.65 .66	.07 .05 45					42 .05 .30	.48 .07 .03 .06	.07					. 39	. 17			.85	90		.07	E. 20							1.1 1.1 3.0
TUSCALOOSA LOCK AND DAM TUSKEGEE UNION SPRINGS UNIONTOWN UNIVERSITY			1.05	.55 43 .10 .28	.02				. 20	. 24	02 1 T	T	T	1		1.10	.85			.60	. 63 . 71 . 68 . 60		.02	03 .04 T .13 E.05							2.9 1.2 .7 1.0 K3.0
VALLEY HEAD VANCE	R B	.09	1.05 .34 .76	.30					. 29	.01 40 25	_	_		:		. 59	.42			.59 .20 1	.34	*	E.09	.10		-	-	-	-		E2.3
WALLACE WALNUT GROVE WATERLOO WETUMPKA WHATLEY		.93	1.70	.44 T	т	т		.86	. 03	.10 T	.01			1		. 96	.05				T 00		. 28	. 15 . 17 T							5.9
WHEELER DAM WHITPIELD LOCK 3 WIDOWS CREEK STM PLT WIDOWS CREEK STM PLT WILSON DAM	R	.05	1.93 .19 .17 .87 1.37	1.37	.75				:0 . 24 15	.07						.58 16 .42 1.12	.16 .16 .24	T		.40 .03 1.01 .30	.20 .98		.14 .21 .21	T							4.75 .75 2.86 2.86 4.55
WINFIELD 2 SW YATES HYDRO PLANT YOUNGS STORE	1		1.33	. 56 . 15 . 65	.05			.08	1.24	.01	.05				т	54	.32		16	1.21	70 . 55 . 03		. 06								2.5

le 6		1			-		M 17												W D	ur endi	ine				ANDA.
Station				T	Γ	A.		n endi			T									·		1			,
		1	2	3	1 4	1 3	6	7	8	9	10	11	12	1 .	2	3	4	5	6	7	8	9	10	11	12
IAW 1 COT					1			'					-15	st—											
ION 1 SSE		-	-	-	-	-	-	~	-	~	~	-	-	1	-			-	-	-	-	~	-	-	-
ISON					1								-2	a-						į			.03	. 01	. 07
GREEN RY															. 02	01		, 60	. 61	. 50	.14	.08		.01	. 01
AR 2 SE DEN CITY EYVILLE															.03	.01	.01		.01	. 20	.13	. 20	.01	.01	. 01
TSVILLE WB AWY	6																			. 42	9	.10	*	*	*
CLE SHOALS CAA AP NT ROCK	6														*	÷	*	+	+	.99	٠	*	.11	.12	+
NON CONTRACTOR																					. 28	. 32	.10	.02	
WS CREEK STM PL					1								2	-1										.02	. 03
RAILTE		i			1			1					-3	a-	.37							. 01			
ISON ISTON CAA AP	6	.61	.01						.03	.18	. 40	.07	. 04	.03	.05	.05	.01		.01	.08	. 08	.07	. 03	.01	
AND ORE STATE PARM	11								. 01	.01									.01	. 01	. 01		.14	.10	
RN SCS 10			01	0.0	. 02	. 08	. 20	.12	. 02	. 01	. 04	.33	. 03	.06	. 03		. 05	. 04	0.4	. 01	0.1			0.1	
RY AR 2 SE AINGEAN WB AP			. 01	.02	. 05	03 25	.10	. 09	.07	.02	.02	.05	.04	.03	.01	. 02	. 04	.06	.04	.01	. 01		.01	.01	
Z PBELL							. 10	. 00			, 03	.04	.02	. 22	08	.03	. 01	. 01	. 02	, 01				.01	
MAN CAA AIRPORT					. 40	. 51	. 06	. 03	. 31	. 04		. 01	. 05	.06	.02			.04	.01	. 02		.01	. 01	.01	
GREEN CAA AP ROCK MORGAN	6		٠	*	0			.19	*		0		.16	.72	.37	. 08	.11	.01	*	.04				. 02	
PAYNE DEN CITY	//			.01	.01	. 02	. 06	.05	.12	. 02	. 06	. 06	.09	.05	.02	.01	* .01	*	.02	.10	.03	.01			. 33
ENVILLE NO 2 PERSVILLE CITY W WES		.01		.01	.01	.02		.04	.41	.02	.04	.12	.16	.10	. 40	.02			. 0.0	.03	.03	.01			
YVILLE WB AWY	6	.01	*	.01	.02	.05	. 08	.10	.25	.09	.04	.07	.05	.02	8	.03	. 01	.03	.03	.03	. 01	.01			.01
SON LOCK 1												.01		.02	. 01	. 25	. 01	.01	.04						
OLIA AY													. 01	.05	. 01		. 01			0.6					.01
LE WB AIRPORT LE WB CITY GOMERY WB AP	6	i			i								.01	.06	.02	, 01	-	•		.06					
TON LE SHOALS CAA AP	6	.67				.17	.02	.08	.13	.04	. 02	.05	.06	.01		.02	.03	.05		.05					
BROCKTON T ROCK									.05	. 04	. 01	.01	.58	.16	.01	. 01				.01	. 02	.02		. 02	. 05
SANT HILL ER FALLS 2 MB		1			1						.09	.01	.01	.02						1					
SBY 1 SW							O.E.	0.0	. 08	. 20	.10	.10	. 07	.06	.05	.04	02		.02	. 02	.07	. 09	. 01		
FORD ALOOSA CAA AP	6						. 05	. 08	.17	. 03	. 02	, 05	.13	.09	.04	.04	.03	.04	.01	.04			*		
ERSITY			.01	. 19	. 02	. 28	.16	. 20	.19	. 04	. 03	.06	.05	. 01	. 01	. 01	.02	,01	.02	. 00					. 01
WS CREEK STM PL		.07	. 05										22	. 36	. 05	. 08							. 03	.01	
STON CAA AP		1									ı		-4^{-1}	th-		*				.01					
AND GREEN	//		.15	.06	.01	.01	. 04	. 04		. 01	. 02	.01				.01	.01	•	.01	.01					
RY AR 2 SE							. 01	.01		.01				.01	. 02	.02	.01								
MINGHAN WB AP						.01			. 01	.01						. 01	.01	.01	. 01						
HAN CAA AIRPORT		.01									01							.03			01	.04			. 02
DEN CITY SVILLE WB AWY	6	.01			*	*		.08			.01			.01				.00			J.L				
LTON CLE SHOALS CAA AP	6	.02					.02	.05				.01	*	.04		.01			*	. 02					
BROCKTON FT ROCK		.01				.01				.08															
PFORD CALOUSA CAA AP	6	. 02								.01	.02		.01				. 01								
													-51	h-											
LTOW					1		.02																		
		1			1								-81												
TE SEOALS CAA AP	6									•		.03	*	.03											
													-9t	h-											
ISON ISTON CAA AP	6																	٠		. 03					.18
REEN LY										.04	06			. 32											
IR 2 SE IINGHAM WB AP										. 01	.04	01				.08	00			.02	.05	01			
PBELL GREEN CAA AP	6												.11	.15	.01		. 09		0	.04		.01			
ROCK PAYNE	,													. 20	.20	.02	.02								.01
DEN CITY FERSVILLE CITY W WKS														.03	.06	.05			.01		.04	.01			
BYVILLE TSVILLE WB AWY	6									0	٠	.10	.04	.01		0.0									
KSON LOCK 1 KSONVILLE																.06	. 04	.08	.02			.03	.09	.01	

*	Table 4-Continued		-																						NO	VEMBE	2H 1950
							A.1	M. Hot	ır endi	ing									P. 1	М. Но	ur end	ing					78
	Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
	MAGNOLIA MIDWAY MOBILE WB AIRPORT	6		1											. 09			4	*		.06	.01	1	. 01	. 03	. 01	.13
	MONTGOMERY WB AP MOULTON MUSCLE SHOALS CAA AP PAINT ROCK PETERMAN	6				1				*	*	*	.10	*		.01 *	*	.03	*	٠	.02						.03
	TRAFFORD TROY TUSCALOOSA CAA AP UNIVERSITY WIDOWS CRESK STM PL	6				, 1								-10	.20 th—	.04	24	*	.03	.07	.01	.06	.01	٠	٠	.19	. 42 . 05 . 29 . 24
	ADDISON ANNISTON CAA AP ATMORE STATE FARM BIRMINGHAM WB AP BOAZ	6	.03	. 01	.02		.01	. 03										. 01							.01	. 01	.04
	EUTAW LOCK NO 7 EVERGREEN CAA AP JACKSON LOCK 1 LAY PAM MAGNOLIA	6		.01	.02	.05	.04	.01	.03							*	*	•	٠	*	.04						.04
	MIDMAY MOBILE WB AIRPORT MOBILE WB CITY MONTGOMERY WB AP NEW BROCKTON PETERMAN THORSBY 1 SW	6		. 02	. 03	.04	.02	4	.02	.01	٠	*	٠	. 01		.01	.01	.01	*	*	.04	*	4	. 02	ø		.03 .03 .02 .02 .06 .05
	TRAFFORD TROY TUSCALOOSA CAA AP UNIVERSITY	6	.15	.05		*	4	٠	. 01					-11	th-					.01	.05						.07
	ANNISTON CAA AP ATMORE STATE FARM AUBURN SCS 10 BIRMINGHAM WB AP EVERGREEN CAA AP	6	.01	•	*	.01	. 01	•	.01	. 01	. 02	*	4		.01												. 02 . 03 . 02
	MARION 1 SSE	6	.01		ne.	, [-	-	-	-	_	-			-13													.01
	MUSCLE SHOALS CAA AP	6								٠	*	*		-15 -16							1						
	ABBEVILLE ADDISON ANNISTON CAA AP ASHLAND BELGREEN BERRY	6					.40	. 49	.03	.35	.08	.01	.01	.03	.04	. 02	.01	*	*	.03	.13	.01				1	.17 .52 .06 .92
	BEXAR 2 SE BIRMINGHAM WB AP BOAZ DADEVILLE NO 2 EUTAW LOCK NO 7 EVERGREEN CAA AP	6				.04	.09	.18	.01	01	.08	.05 .03 .01 .07	05 .04 .01	.01	.01	.01						4			*		. 63 . 37 . 22 . 58 . 05 . 25
	FLAT ROCK FORT PAYNE GARDEN CITY GUNTERSVILLE CITY W WKS HALEYVILLE HALEYVILLE HUNTSVILLE WB AWY	6					.01	. 32	.15	. 34	.11	.14 .01 .20 .10	.03		.31				.01	. 01						1	. 28 . 37 . 56 . 38 . 45
	JACKSONVILLE LAY DAM MARION 1 SSE MONTGOMERY WB AP MOULTON MUSCLE SHOALS CAA AP	6		٠				. 33	.09		.01	.19	.07	.07	.01	. 01		.01	. 01							1	.35 .12 .20 .04 .65
	PAINT ROCK PLEASANT HILL RIVER FALLS 2 NE THORSBY 1 SW TONEY TRAFFORD							.14	.30	. 26	(13	.14	1.4	.02		. 01		. 01	.01	.18	. 14	, 01	,02				.56 .05 .35 .21 .32
	TROY TUSCALOOSA CAA AP UNIVERSITY VERNON WIDOWS CREEK STM PL	6					.01	.14	.09		. 21	*	*	. 10	. 88		.01	.06	.01			.02	. 01				.11 .59 .65
	DOTHAN CAA AIRPORT EVERGREEN CAA AP	6	.03											-17 -18	th-					1					. 44	.01	. 45
	DADEVILLE NO 2 MUSCLE SHOALS CAA AP	6											01	-10 -01 -19	. 01							٠	*	٠			. 03
	MUSCLE SHOALS CAA AP	6	. 03		٠	٠			.02					-20													
	ABBEVILLE ADDISON ANNISTON CAA AP ASBLAND ATMORE STATE FARM AUBURN SCS 10 BELGREEN	6					. 05	.13	. 11	. 09	.66	.11	.01	.01	.93 .03 .26		.01	.05									.24 1.01 .55 .49 .60 1.73

See reference notes following Station Index.

ALABAMA NOVEMBER 1950

Station						A.	M Ho	w end	ing	F			Υ					P	М. Н-	r end	ling		T	.,	
Janen		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	l II	12
NY IR 2 SE IINGHAM WB AP PRELL WILLE NO 2						.26	. 47	.77	. 20	.30		.15		00	.04	.20									
AN CAA AIRPORT LOCK NO 7 FREEN CAA AP ROCK	6								•	. 28	.28	. 21	, 08	.09		.14	٠	.05	.01	. 53					
IN CITY IVILLE NO 2 RESYLLE CITY W WES VILLE IVILLE WB AWY ON LOCK 1	6		6			.01	07	07	* 1.20	.82	. 22		* . 24	.21	.03	.01		٠	٠		٠	٠		٠	٠
SONVILLE DAM OLIA OLIA AY LE WB AIRPORT	6									. 01	.81 .02 .01 .03	. 20 . 59 01 43	.05	.01	. 01	, 07		01		E1					
LF WB CITY GOMERY WB AP TON LE SHOALS CAA AP BROCKTON	6		4	.03	* ,01		*	.53	*	*		9	. 21	, 61	.02	.05	.03		·	. 51			1		
T ROCK RMAN SANT HILL R FILLS 2 NO SBY 1 SW Y PORD						, 11		.08		.38	.02		35	. 28 46 .11 .12	03	.17	. 03								
ALOUSA CAA AP ERSITY ON WS CREEK STM PL	6							. 03	.36	.37	.47 * .18	.01	.04	.08	.29	. 05	.02	_			**	-	-	-	-
ZVILLE NO 2 MORGAN	1/									. 02	-		-21 -23	_	-	-	-	î	-	-	-	-	-		-
REFN ROCK SON										٠	*	*		: th-		*	*		s. 6	*		*	4	6	75 17 4
Y	6					*		.19	01		.02	-	. 01	.06	. 03	. 02	. 01						:		
R 2 SE ITINGHAM WB AP Z W LOCK NO 7 ROCK PAYNE DEN CITY		٠		•	. 01	*	٠	.20	02	.04 .04			-												
ERSVILLE CITY W WES YVILLE SONVILLE AY GOMERY WB AP TON		1	-		-	-	-	.10	-	.04	.07	. 01	.01	-		-	-	-	-	-	-	-	-	-	-
LE SHOALS CAA AP I ROCK Y FORD ALOOSA CAA AP ON	6	٠		.10	.17	.03	.04	.02	-	٠	1 0	٠		.07											
WS CREEK STM PL		ļ.		-		.08	. 02	11	-	-			-27	th-											
MORGAN	′/		-				,		·		-	-	-28 -30												
JRM SCS 10 JINGHAM WB AP JERSITY											. 03									. 01					

Station		-	2	3	4	5	6	7	8	9	10	11	12	13	14	Day 15	of mo	17	18	19	20	21	22	. 23	24	25	26	27	28	29	30	31	Average
ALBERTVILLE 1 S	MAX MII				60	45		 !		72	73			55		63	68		54 27	63 28		65 26	50 26									-	57 1
ALEXANDER CTY 6 NE	MAX	84	80	73	64	59	68	71	75 33	77	73		61 20	64	63	72 33	69	64	65	72	71	57	61	71	65	27	49	52	47	53	54		63.7
ANDALUSIA	MAZ	81	87	84	74	53	57	71 42	74 46	80	82	48	47 30	60	66	68 46	77	80 48	68 34	43 68 33	77	27 82 31	26 64	66	73	45	34	55	57	55	57		31.9 66.5
ANNISTON CAA AP	MAZ MIR	83	81	70	49	54 32	68	72 34	75 38	78	47	48	59	63 28	65 32	73 43	68	61	63 26	68	72	54 28	33 57	69	47	25	48	49	43	49	51		39.6
ATMORE STATE PARM	MA2	86	83	78	66	58 32	72	76 41	80	81 59	72 41	47	52 29	66	70	80	80	76	71	45 80	78	64	68	74	70	38	55	58	57	58	76		69.0
AUBURN	MAN	84	84	80	70 42	49	34 54 31	68 36	72 38	75	78	39 49 36	42 29	31 58 32	63 33	63 39	72 50	75 43	35 63 34	50 65 40	70 48	75 29	31 56 30	62 34	70 40	40 9	26	50	52	46	52		62.1
BAY MINETTE	[MAR	86	83	80	1	59	72	75 44	80	82	69		61 30	64	71 41	80 49	81	69	70	79	80	60	70	75	54	40	57	61	58	59	77		35.4 68.7
BELLE MINA 2 N	MAN	84	75	62	54	62	73 35	74 50	72	70 40	40	45	55 22	62	64	71 39	71	65	37 58 32	69	62	34 50	35 55	65	29 58	20	38	45	44	45	60		58.9
BIRMINGEAM WE AP	MAX	83	80	64	46	55 33	67	72 38	76 53	78 42	46	48 27	58	63	65	73	48 67 49	34 60 32	64	54 69	68	20 54	33 62	70	51	25	48	50	44	49	53	į	31.7
BIRMINGHAM WB CITY	MAX	86	80	73	60	58	70	74	76	76 51	60	52	62 26	31 65 36	33 66 39	48 73 48	68	63	64	51 69	35 67	58	61	70	62	25	50	53	47	52	53		63 1
BREWTON 3 SSE	MAX	86		79	68	59	72	75	80	82	75	47	62	67	68	80	81	73	71	80	82	62	68	75	63	39	57	59		58	78		38.8
CAMDEN	MAX	85	82	72	68	59	70	74	79	82	68	50	62	64	67	78	72	70	69	80	76	56	67	74	65	33	16	57	52	55	76	ì	34.4 67.2
CAMP HILL 2 NW	MIN	85	84	80	43	32 52	33 54 29	67	72 34	80 37	78 44	38 50	26 48 25	28 59 28	32 62 29	42 66	72	72	30 63 30	65	71	75	64	67	70	40	25		51	46	51		38.3 62.7
CENTREVILLE	MIN	86	87	52 83	66	50	60	68	76	78	79	36 52	52	58	60	70	78	72	62	66	73	76	57	65	35 74	38	25	44	52	50	52		32.5
CHATON	MAX	87	83	69	62	61	35	78	80	80	69	38 51	60	30 68	71	36	79	69	73	82	77	60	70	75	33 58	14	56	61	60	59	79		36.1
CITRONELLE	MAX	84	81	72	63	57	71	36 75	79	80	69	38 48	59	63	70	78	78	38 71	70	78	78	60	28 68	72	60	18	19 55	60	58	58	78		35.3
CLANTON	MAX	83	83	80	71	33 49	39 53	49 65	52 72	63 74	78	39 45	30 47	36 55	60	49 62	58 70	47 65	39 60	52 61	71	71	38 52	63	70	35	27	50	52	32	48		60.6
CORDOVA	MAX	86	32	79	62	32 57	70	74	77	46 76	53	36 49	57	63	66	35 77	70	64	30 66	72	54 69	28 55	63	71	35 60	26	46	51 51	48	21 51	53		34.3 63.1
DAYTON	MAX	85		59 74	62	28 58	32 70	34 74	48 79	79	72	31	19 58	64	36 67	75	54 72	34 68	66	79	76	25 55	30 67	72	67	31	53	20 55	50	17 53	76		33.8
DECATUR	MAX	84	80	64	50	31 55	70	42 72	74	61	54	37	25 54	30 62	38 65	43 72	58 68	57	30	69	53 66	29	32 58	67	26 57	21	40	45	26 40	44	39		38 5
DOTHAN CAA AIRPORT	MAX		58 86	81	54	33 57	70	45 75	57 80	43 84	35 64	28 50	56	29 66	33 69	78	48	39 68	67	52 77	83	28 58	68	35 74	18 51	32	18 55	56	26 54	55	76		36.4 67 2
EUFAULA	MIN	-	57	54 80	64	34 61	31	38	40	53 81	71	42	35 54	35	40	45 79	50 79	73	71	72	75	61	32	39 72	64	40	55	28 58	26 53	57	32		37.7 65.2
EVERGREEN CAA AP	MAX	86	55	78	52	34 58	71	74	83	82	52	47	61	66	72	79	79		71	79	59 80	30 59	67	74	47	36	19 55	29 56	56	58	78		67.0
PAIRHOPE	MIN	51 84	50 82	82	36	31 60	70	35 77	39 80	48 81	42 62	31	63	65	70	75	80	70	71	79	79			74	52	15	16 57	61	19 60	21 55	38		32 9 68.0
FAYETTE	MAX	85	52 84	49 80	60	32 46	35 56	69	72	55 75	39 70	49	31 48	36 56	62	50 66	72	66	59	63	74 ;	69	55	62	26 69	27	27	37 47	32 51	30 45	50		41.1 60 5
FORT MORGAN	MAX	52 83	81	79	40 58	29 57	71	35 74	78	54 80	32 72	28 50	50	63	27 69	73	46 79	66	72	75	76	26 58	68	69	22	44	8 59	26 58	19 58	19	71		31.7 67.5
FRISCO CITY	MIN	87	86	82	77	43	61	73	57 75	69 79	48 81		41	42 61	67			80	68		55 79	79	60	70	37 75	26 35	37	42 56	37 58	39 57	56 59		48.8
GADSDEN	MAX	84	56 83	57 80	43 68	30 46	32 55	68	71	54 74	41 78	47	26 49	32 56	62	65		66	60	60	67	67	54	54	68	28	31	28 45	26 47	40	35 49		37.5 59.8
GENEVA	MAX	52 86	85	54 83		34 55	28 58	31	38 75	79	39 81	32 51	50	60	26 68		76	78	65	1	77		60	68	73	50	36	24 58	16 58	16 57	19		30.7 67.3
GOODWATER	1	. 55 . 85	55			34 49	31 55	70	38 73	41 76	47 78		35 48	34 58	35 64	61			- 1						63	35	19 26	26 49	52	25 45	53		37.4 61.5
GREENVILLE			81			54	66	71	39 75	54 79	41 69	47	56	63	34 65	74		67	67	75	80	54	64	70		33	7 52	23 54	19 53	21 54	74		34.3 65.5
HALEYVILLE	MAX	79	55	73	41 54		33 67		72	56 69	41			59	38 65	70	65	60	60		67		1	65		20	40		43	47	35 55		40.0 58.1
HIGHLAND HOME	MAX	88	59 83	50 76	67	58	36 70	45 74	48 78		69	46		63						76		61	68		66		53	53		57	76		35.7 67.0
BUNTSVILLE WB AWY	MAX	62 83	78	57 60	42		70		73					61							1		55	65	39	19	36	39	36	43	57		39.7 56.5
LA PAYETTE	MAX			73	66	58	70	70 .		79		48	60	63	65	72	75	67	63	73	74	54	57	72		23	50	52	49		55		32.9
LIVINGSTON	MIN	85	61 82	56 74	41 62	60	33 71	74	39 79	52 80	53	35 50	58	30 63	30 68	76	71	65	68	79	74	26 56	66	74		36	55	57	53	55	31 75		25.7
LOCKHART	WIV.	56 86	53	83	75	53	58	71	48 74	53 79	39 80	52	46	61	67	69	78	79	68	70	77	82	57	66	74	48	35	57	57	56	3 4 62		36.0
MADISON	MAX	59 86	55 84	57 80	45	34	34	47	43 74	55	49	41	33	36	40	47	49	51	35	44	63	35	31	40			25	27 38	44	39	35 45	1:	40.7 58 2
MARION JUNCTION 2 NE	MIN	58	57	53	39	29	30		45		35		27	28		38		38	30	31	58	24	25	36	16			25 55	20	18	18		32.8 65.8
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DAILY TEMPERATURES

ALABAMA NOVEMBER 1950

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		83 63	76 62			68 35	73 42	761 45	80 56	53 45	50 35	57 30		64	71 45	73 53	63 42	671	741 48	77 43	55 33	63 33	68 40	47	30 14	51	53 30	48	51 26	71 34		83.1 38.9
IAX	84 61	81 56	77 48	53 35	59 32	71 39	74 46	78 50	80 54	55 41	47 37	60 32	66 33	71 41	78; 50	80 56	68 42	70 39	78 56	80 46	60 37	69 37	73 45	51 25	43 22	56 29	61 32	60 29	57 32	75 47		67.2 11.0
		79 65	78 50	54 42	60 36	68 39	72 47	75 53	78 54	53 42	47 39	59 34	63 35	70 42	78 54	79 60	67 48	70 40	73 60	79 49	58 38	68 36	73 46	56 29	43	57 32	61 36	60 38	57 35	75 51		66.5 43.9
LAX	85 56	83 60	77 50	51 40	56 34	69 32	74 37	77 40	80 53	55 43	50 33	60 26	63 31	65 32	71 41	76 48	65 38	67 29	76 43	78 41	56 31	65 30	72 36	49 20	30 13	53 19	54 31	50 24	53 24	74 31		84.5 35.5
	85 61	82 63	75 57	57 41	56 36	69 38	72 44	76 47	80 55	55 42	49 36	58 31	63 35	64 38	70 47	74 54	64 45	67 37	74 46	77 44	57 33	63 35	72 40	52 28	30 12	52 21	54 32	52 31	53 28	72 38		34.1 39.8
	81 58	76 52	52 40	43 36	53 32	69 40	71 47	73 59	64 39	43 32	44 25	53 25	59 26	64 32	70 45	71 47	55 35	57 34	69 53	69 32	52 27	58 41	661	34	23 2	42 23	45 29	41 24	46 23	59		56.7 34.2
		85 58	80 57	67	57 33	70 35	75 41	78 44	82 53	78 50	51 40	56 32	67 37	69 39	75 47	80 54	68 50	70 35	75 42	75 41		61 32	67 34	30	33 14	56 20	56 28	53 30	56 26	77 35		58.0 39.7
		85 53	81 52	68 41	47 32	54 31	68 32	67 33	75	75 34	56 31	49 25	55 28	56 30	55 30	70	71 38	61 30	66 45	64	66 28	58 27	62 30	27	27 5	30	48,	48 24	46 26	50		30.1 31.5
		83 57	75 56	66	57 33	68 32	73 35	77 39	80 51	66 44	50 l 38 l	58 27	63 30	63 31	70 39	73 47	62 42	65 32	74 44	75 50	55 32	63 30	70 34	50 28	30 13	50 18	54 24	47 23	50 23	71 29		34.1 36.0
	87 59	87 59	82 59	63 43	60 31	60 33	70 38	75 42	79 52	81	49 36	47 23	64 26	64 30	69 38	69 56	71 41	63 28	68 36	70 47	70 29	70 29	69 38	73 26	46 15	36 19	59 25	59 26	51 22	59 34		35.7 36.0
	83 60	79 53	78 59	66 44	58 35	70 34	72 40	77 50	79 59	72 44	49 41	61 32	64 31	70 40	74 50	78 55	71 51	68 35	77 51	78 51	63 34	68 31	72 43	65 33	40 20	57 27	60 33	59 30	57 26	74 45		88.0
		53	75 50	68 42	34	28	72 31	71	78 53	75 45	50 37	23	64 24	64	7·) 32	72 50	65 42	64	70 48	7'1 52	57 27	54 30	70 38	63 24	28	54 19	50 26	49 16	51 17	53 20		3 8 3 . 2
		84	50	60 38	42 32	52 31	66	70 35	70 50	70 35	45	45 23	56 23	63 25	66	70 44	66 38	55 27	60 29	67 51	67 25	53 25	57 28	67	25	25	43	45	41 18	50 17		8.2
		78 56	67 57	37	55 32	67 35	70 40	71 48	74 51	55 34	44 28	55 26	63 27	63 34	69 44	67 52	61 37	57 26	64 46	63 42	50 23	49 33	55 33	54 16	17	39 13	41	35 20	44 17	55 27		7.3 3.8
		79 51	65 57	58 39	55 32	69 31	72 35	78 47	73	50 37	49 27	56 21	62 26	64 29	71 41	68 52	58 37	59 28	66	66 42	49 23	53 30	65 26	45 18	19	36 14	39 25	38	48 12	56 21		8.3
			77 60	66 45	60 35	73 33	78 38	81 43	83 56	71 42	54 40	64 26	68 31	70 34	78 45	71 53	69 45	73 29	80 47				77 37	66 40	32 13	57 20	58 27	55 26	56 25	75 33		9.1
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		81 51	65 45	48 39	59 29	71 32	74 35	78 45	79 41	51 37	50 27	59 26	64 29	70 31	77 44	68 49	60 35	68	76 53	69 38	57 29	66 32	73 33	79 20	29 10	52 19	55 23	49 21	54 21	58 27		4.2
		87 62	85 56	72 44	49	56 32	70 38	74 39	77 51	81 46	50 38	46	60 32	64 35	65 43	72 51	77 45	67 31	67 43	73 50			67 35	73 41	42 12	28 12	51 26	55 26	48 24	52 29		4.3
			74 58	69 43	57 33	70 35	74 40	76 43	81 55	66 46	48 37	57	65 35	66 38	71	75 56	68	66 32	74	81 49	59 29	67 32	74 39	64	30 15	53 21	55	51 25	54 24	74 30		6.3
		80 56	63 42	43	55 30			76 52	79 40	47 37	46 28	56 23	63 28	65 34	73 47	66 47								46 16	24	48	52 25	45 22	50 22	56 28		0.2
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1 1-ALABAMA; 2-BLACK WARRIOR; 3-CARABA; 4-CRATTARDOCHEE; 3-CHOCTABHATCHEE; 6-CONECUH; 7-COOSA; 8-ESCAUDIA; 9-GULF; 10-PEA; 11-TALLAPOOSA; 12-TENNESSEE; 13-TOMBIGHEE

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this Issue.

Unless otherwise indicated, dimensional units used in this bulletin are: Temperatures in °F, precipitation and evaporation in inches, and wind movement in miles. Evaporation is measured in the standard Weather Sureau type pag of 4 foot diameter unless otherwise shown by footnote following Table 6.

Steet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 4 are from recording gages. Traces are not shown

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

- 3 in Tables 3. Stand a size for the 24 hours ending at time of observation. See the Station Index for observation time.
 No record to Tables 3. 4, 6, and the Station Index. No record in Tables 2 and 5 is indicated by no entry. When hourly precipitation is missing or accumulated for several days, only the first and last days are shown in Table 4.
 And size on a later date or dates.
 (// Cage is equipped with a windwhield.
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U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER; Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

AGRICANT WORLDON AT DESIGNATION OF THE CONTROL OF T

CLIMATOLOGICAL DATA

ALABAMA

DECEMBER 1950 Volume LVI No. 12 ASSISTANT LIBRARIAN CLEMSON COLLEGE LIBRARY CLEMSON, S. C.

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ALABAMA - DECEMBER 1950

A. R. Long, Section Director - Montgomery

WEATHER SUMMARY

The month was 5.3° colder than usual with more than the usual number of frosty mornings. No unusual extremes of temperature occurred, however. Rainfall was rather light over considerable areas of the north, but fairly heavy in a few counties in the southwest, so that the statewide average was 1.20 inches less than normal.

The first two or three days were warm. There then followed nearly three weeks of mostly cold weather, climaxed by the coldest spell of the month, when statewide freezes occurred on three successive mornings from the 18th to the 20th. After four general rains between the 2nd and the 16th, there was a period of mostly fair weather, which continued through the 26th.

The temperature trend was upward from the 19th to the 26th and it was quite mild at the end of this period. The last five days were moderately cold, and there was a spell of frequent light to heavy rains from the 27th to the 30th.

The past two months have been very hard on fall planted winter grain and cover crops, and garden stuff, and practically no recovery has been made by these crops since the severe November freeze. It has been necessary to feed cattle heavily throughout much of November and all of December. Little field work was done other than the preparation of land for planting Irish potatoes in the Baldwin-Escambia area.

At Semmes, in Mobile County, on the 3rd, at 5:30 a.m., a thundersquall pushed two houses from the foundations and destroyed a barn, with damage probably about \$3,000. High wind for several hours in Montgomery County on the morning of the 6th damaged roofs and trees to the extent of about \$1,000. High winds were reported also in Chilton County at the same time, but no damage was mentioned. --- FCP

ACKNOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages--mostly of the recording type which produce continuous records of precipitation. It was established in 1939 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about \$250,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$250,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$250,000 per year to meet the increasing needs of their program in the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D.C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.

SUPPLEMENTAL DATA

ALABAMA DECEMBER 1950

	Wind	direction		Wind	speed p h		Relati	ve hum	idity ave	rages		Numl	per of d	ays with	precipi	itation			inset	
Station	Prevailing	percent of time from prevailing	Average	Fastest mije	Direction of lastest mile	Date of fastest mile	12:30 a	6:30 a	12 30 p	C 30 p	Trace	01-09	10-49	96 -09	100-199	2 000 and over	Total	Percent of possible sunshine	Average sky cover	Degree day
RMINGHAM WB AP	NNW	12	6.3	3.3	;{W	3	83	86	63	73	8	5	2	1	0	1	17	31	7.5	See Table 2
BILE WB CITY	NŤ	17†	10.51	42	MA	3	85†	88†	63†	77†	5	5	3	1	3	0	17	35	6.6	91
NTGOMERY WB CITY	NW†	11†	6,41	43†	Ε†	6†	84†	88†	60†	71†	6	3	4	2	1	0	16	51†	6.8	*!
MIRPORT DATA																				

COMPARATIVE DATA

1																	
	1	Cemperature	Ð	Precipi	tation		,	l'emperature	•	Precipi	tation		1	l'emperature		Precipi	itation
160	Average	Highest	Lowest	Average	No. of days .01 or more	Year	Average	Highest	Lowest	Average	No. of days .01 or more	Үөаг	Average	Highest	Lowest	Average	No. of days
184 185 186 187	47.9 44.2 43.8 45.7 46.1	80 74 76 73 71	6 12 0 10	5.09 3.36 3.07 8.65 2.84	10 6 7 12 6	1909 1910 1911 1912 1913	41,3 42.9 50.5 47.7 47.9	82 75 82 82 82 84	6 10 14 14 15	5.27 3.51 7.65 6.52 3.35	9 7 11 12 8	1934 1935 1936 1937 1938	46.7 41.2 50.3 47.0 47.8	80 78 80 76 79	10 7 18 4	3.41 4.24 7.09 2.72 2.64	9 6 11 8
889 890 891 892 893	58,5 49.8 49.7 47.2 49.9	82 80 86 78 86	20 17 12 8 14	1.04 2.33 4.91 4.55 3.26	3 5 8 9 6	1914 1915 1916 1917 1918	43.5 46.8 47.7 40.4 50.6	80 79 81 79 82	0 14 12 4 16	5.08 6.21 4.42 1.75 5.92	10 9 10 6 7	1939 1940 1941 1942 1943	49.7 52.0 50.4 49.5 47.3	85 80 81 82 83	15 18 19 15 9	3.29 6.30 7.32 8.12 3.50	7 12 8 11 8
94 95 96 97 898	48.9 46.0 46.6 48.2 44.5	81 86 83 82 78	0 8 12 19 8	4.67 3.79 1.67 5.76 3.57	9 6 4 10 6	1919 1920 1921 1922 1923	47.6 45.4 51.5 54.5 54.7	81 76 82 84 83	12 15 21 20 22	7.30 7.81 3.43 7.41 5.40	7 10 7 12	1944 1945 1946 1947 1948	46.5 42.1 52.1 49.1 51.2	78 77 84 80 82	12 6 20 17 12	3.76 6.50 2.74 4.77 4.53	9 12 6 9
999 900 901 902 903	45 3 47.2 42.1 45.7 41.2	79 76 78 78 71	12 20 0 8	5.79 4.82 7.81 5.79 3.04	9 8 10 8 6	1924 1925 1926 1927 1928	48.6 45.2 52.0 47.1 46.7	87 81 87 82 78	11 3 15 10 15	7.11 3.61 5.92 8.20 2.16	10 7 10 10 5	1949 1950 Period	49.9 42.3 47.6	82 82	15 7	4.01 4.06 5.26	
904 905 906 907 908	47.1 44.1 50.7 46.6 51.0	83 75 83 77 84	15 14 10 12 18	4.33 6.57 4.11 6.27 4.77	8 10 8 10 8	1929 1930 1931 1932 1933	45.6 43.8 55.8 50.6 56.6	81 75 83 80 85	-4 18 25 12 15	3.72 2.84 8.93 8.86 3.22	7 8 14 15 7						1

				Tempe	rature									Precipitati	on				
		le le					1 29	No. o	f days		7	A		Snov	v, Sleet, Ha	al	N	o of da	ıys
Station	Average	Departure from norma	Highest	Date	Lowest	Date	Degree days	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max. depth or, ground at obsn.	Date	.01 or more	25 or more	100 ог
NORTHERN DIVISION											+	+						İ	t
ALBERTVILLE 1 S ANNISTON CAA AP BELLE MINA 2 N BIRMINGHAM WB AP BIRMINGHAM WB CITY	36.3M 39.2 38.7 39.9 43.0	- 8.0 - 4.2 - 3.4	66 73 70 74 74	2 1 1+ 1	14 13 14 16 18	19 19 19 19	794 809 772 674	0 0 0 0	25 23 23 21 15	4.02 2.35 1.70 3.02 3.46	- 1.34 - 2.71 - 1.22 - 1.68	2.57 .64 .50 2.58 1.80	4 28 3 3 3	T T . O T	0 T 0 T	10+	6 9 4 8	4 3 3 3 3	0 0 1 1
CORDOVA DECATUR FAYETTE GAUS DEN GOODWATER	41.7 39.4 38.5 37.8 39.8	- 3.3 - 6.1 - 6.7 - 6.5	70 70 74 72 73	1 1+ 2 2 2	17 17 15 12 16	18 18 19 19	716 789	0 0 0	16 19 24 26 24	4.09 2.11 2.06 2.08 4.29	- 1.48 - 2.93 - 2.11 - 2.72 - 1.10	1.60 .58 .90 .68 1.40	3 7 6 7 29	.0 T .0 .0	0 0 0		6 7 9 10	5 4 5 5	1 0 0 0
HALEYVILLE HUNTSVILLE WB AWY MADISON MUSCLE SHOALS CAA AP ONEONTA	39.5 37.6 38.1 38.1 38.1	- 5.3 - 4.9 - 5.2	71 68 69 71 72	1 2 2 1 2	14 13 15 16	18 19 18+ 18+	787 840 828	0 0 0	20 21 21 22 24	2.49 1.86 2.17 3.17 3.68	- 3.55 - 3.19 - 1.97 - 1.94	.04 .02 .68 1.14 2.04	6 3 7 3 4	.0 T .0 T	0 0 0 T	11	10 6 9 6	5 2 4 4 3	0 0 2 1
PELL CITY ROCK MILLS SAINT BERNARD SAND MT STATE FARM AP SCOTTSBORO	39.9 41.3 37.1 38.3 37.7	- 6.9 - 5.8	72 72 73 72 68	3 1 2	17 14 14 14 12	19 19 19+ 18 19	730 821 840	0 0 0 0	20 20 26 23 22	4.35 3.22 4.18 3.38	- 1.00 - 2.31 - 2.09	1.60 1.40 2.46 2.05	7 3 3 3	.0 .0 T T	0 0 0		10 7 8 7	4 5 5 2	2 1 1 1 1
TALLADEGA TUSCALOOSA CAA AP UNIVERSITY VALLEY HEAD	41.2 40.8M 40.3 37.0	- 5.1 - 5.6 - 6.1 - 5.5	74 76 73 67	1 1 1	14 17 19 7	19 19 18+ 19	729 743 762 863	0 0	19 20 21 25	2.41 3.14 2.51 2.90	- 2.89 - 2.65 - 3.28 - 2.27	.84 1.07 .82 1.40	28 3 3 4	T T .0	0 0 0		7 11 8 4	3 4 3	0 1
DIVISION	39.1									3.09				T					
MIDDLE DIVISION	1	1									r								
ALEXANDER CITY 6 NE AUBURN CAMDEN CAMP HILL 2 NW CENTREVILLE	40.0M 41.2 45.0 40.2 40.3	- 7.9	72 74 78 77 76	1 2 1 1 2	11 15 22 14 16	19 19 19 19	784 616	0 0 0	23 20 13 23 23	4.15 4.41 6.02 3.01 3.38	- 1.19	1.70 1.65 2.12 1.66	28 29 14 29 3	.0	0 0 0		9 11 10 8 9	7 7 5 6 5	3 1 0
CLANTON DAYTON EUFAULA GREENVILLE HIGHLAND HOME	40.2 43.8 44.5 44.2M 45.2	- 6.2 - 4.6 - 5.0 - 5.4	73 72 78 77 77	2 1+ 1 1	17 19 18 18	19 19 20 19	651 626 660 567	0 0 0 0	23 16 18 13 12	4.37 6.31 6.49 4.55 5.22	- 1.09 1.47 64 03	1.53 1.75 1.23 1.11 1.57	29 28 7 29 14	.0	0 0 0 0		10 7 11 10 11	6 4 7 5 7	1 1 1 1
LA FAYETTE LIVINGSTON MARION JUNCTION 2 NE MAXWELL FIELD MONTGOMERY WB AP	42.1 43.6 42.9 43.5 43.2	- 2.7	75 78 77 76 77	1+ 1 1 1	18 18 17 21 19	19 19 19 19	702 659 681 659 670	0 0 0	17 16 17 12 17	4.18 5.78 4.88 4.53 4.33	.37	1.61 1.90 1.73 1.90 1.68	28 6 28 28 28	. 0 . 0 . 0 T	0 0 0 0		8 10 8 10 10	5 5 4 5	1 3 2 1
MONTGOMERY WB CITY PRATTVILLE PUSHMATAHA SELMA THOMASVILLE	44.3 43.2 43.8M 46.2 45.4	- 5.1 - 5.2 - 5.2 - 3.0 - 4.0	76 75 78 79 73	1 1 2+ 1	24 19 19 22 21	18+ 19 18 19	637 668 576 605	0 0	9 15 14 14 10	4.06 4.19 5.17 4.88 6.06	78 - 1.03 80 40 1.06	1.62 1.95 1.98 1.75 1.68	28 28 29 29 29	.0 .0 .0	0 0 0		11 4 6 10 9	4 4 6 7	2 2 1 2
TROY TUSKEGEE UNION SPRINGS WETUMPKA	44.2 43.4 45.0 43.7	- 7.4 - 6.1 - 3.9 - 5.4	76 78 75 76	2 2 1 1 1	22 20 20 20	19 19 19	614 655	0 0 0	12 19 17 14	5.32 4.51 4.99 4.61	.47 62 .02 82	1.73 1.36 2.00 1.75	29 29 29 29	.0	0		10 12 7 10	7 7 7 6	1 1 1
DIVISION	43.3						1	1		4.85	ŀ			Т					
SOUTHERN DIVISION ANDALUSIA ATMORE STATE FARM BAY MINETTE BREWTON 3 SSE CHATOM	46.5 48.2M 48.9 47.2 46.1	- 4.6 - 4.4	78 79 82 79	2 1 2 1	21 22 24 19	11 19 19 19	505 493 549 584	0 0	10 8 5 14	4.61 3.98 5.95 4.14 3.66	.68	1.13 1.43 1.10 1.25	29 3 3 3	.0	0 0		12 5 10 9	5 3	1 4 1 2
CITRONELLE DOTHAN CAA AIRPORT EVERGREEN CAA AP FAIRHOPE FORT MORGAN	48.7 46.3 44.9 49.4 52.4	- 4.6 - 6.0 - 5.0	78 78 79 79	1 1 1 1 1 1	25 20 18 23 31	11 19 19 19	501 573 614 481 386	0 0 0	7 9 19 7	.63 3.98 3.32 4.40 6.03	1.99 87 - 1.68 59	4.09 1.09 1.32 1.30 3.05	6 3 6 3	.0	0 0		10 10 14 9	4 5 3 4 4	3 2 1 3 2
FRISCO CITY GENEVA HEADLAND LOCKHART MOBILE WB AIRPORT	46.0 46.6 47.0 47.6 48.9	1	77 78 78 79 77	1+ 1+ 1 2	21 20 21 22 25	19 19 19 19	553 492	0 0	12 13 9 10 6	3.86 2.66 4.51 3.96 7.49	- 1.54 - 2.06	1.10 1.02 .70 1.00 2.36	29 7 3 3 28	.0	0 0 0		10 11 11 12 15	6 4 7 5 6	1 0 1 3
MOBILE WB CITY OZARK ROBERTSDALE 7 E	49.6 47.3 49.7	- 2.6 - 4.5	71 78 76	1 1	29 22 23	11+ 19 19	473 543 467	0 0	5 10 6	5.64 4.53 5.60	.62 32 .32	1.62 .96 2.05	28 29 3	.0	0		12 13 8	5 7 4	3 0 3
DIVISION	47.9									4.78		1		.0					
STATE	42.3	- 5.3								4.06	- 1.20	1		Т					

able 3																														DI	CEMBE	R 1950
Station.		1	2	3	4	5	6	7	8	9	10	11	12	13	14		of m		18	19	20	21	22	23	24	.25	26	27	28 29	36	31	Total
BEVILLE DISON DISON CNTRL TOWER BERTA BERTA	R R			.77 .75 1.33 1.19			1.21 .04	.04 .95 .37	.03	.11			. 20	.15	.65 .26 1.71	. 22											.20	.01	.34 1.2 .21 .06 1.8	8		4.80 2.10 2.92 6.14 4.02
EXANDER CTY 6 ME ICEVILLE TOALUSIA RISTON CAA AP LLEY			T	. 72 . 68 . 60	.98 .99 T	. 05	.18 1.55 .15 .62 .50	.34 .27 T 1.25	.07	. 25	т	Т		т	. 25 . 35 . 03 . 25	.50 T	, 04	.09									.38	.03 T	1.70 .3 .09 1.1 .64 T	5 3 .05		4.15 3.28 4.61 2.35 3.50
HLAND // HVILLE HENS MORE STATE FARM MORE STATE FARM	'R R	. 05	.01	. 54 . 49 . 52 1. 26 1. 10	. 54	. 06	.59 .07 .30	. 47	.13 T	. 11		.01	.04	.08	.12	, 60													1.13 .0 .5 .3 .1.15	6 6 2		2.88 2.21 3.04 3.98 3.43
BURN BURN SCS 10 TAUGAVILLE RTON Y MINETIE	R	. 05		.30 .68 .45 1.00 1.43	. 51		.06 .60 1.30 1.32	.52 .14 .47		. 20 . 17 . 31				.15	.33 .51 .88 .15	.37 T	.33				.10	. 16				.32		.98	.20 1.6 1.77 1.8	5		4.41 4.34 5.59 3.17 5.95
LLE MINA 2 M	R R R	. 97	.05	.65 1.18 .57	1.25	. 65 . 42 . 13 . 52	.78	. 50	.09					.01	. 23														.55			2.85 1.70 2.92 2.48
RMINGHAM WB CITY SHOP AZ	1	T T	T .01	2.58 1.87 1.15 1.50	1.00	Т	.57 .53 1.65 .04	.01 .04 .15 .55	.16	.01	T T	T	т	. 05 T	.14 .23 .18	.03											T	.07 T	.44 T .53 .1 .3	1 .02	T	3.92 3.46 3.54 3.65
ANTLY EWTON 3 SSE IDGEPORT 2 W UNDIDGE	2			1.10 1.60 .34	1.23	-	. 20	.48	.03	.02 .10	. 21			.50	.20	.61 .47		-	~	-							.02	.36 T	.35 .0 .15 1.3 .07 .7	8 T 2 .11 4 .10		4.35 4.14 2.46 4.70
MP HILL 2 NW RHON HILL	R		. 18	1.32 1.21 1.06 .25	.15	.53		.02	. 70	. 20		.43		.32	.19 2.12 1.25 .27 .40												.15	.65 .34 .75	.07 .0 1.75 .0 1.75 .0 1.75 .4	6		2.75 6.02 6.00 3.91 3.62
NTER GROVE NTREVILLE ATOM ILDERSBURG TROWELLE				1.40 .99 1.25 .55 1.44	.21	. 04	. 19 . 58 . 78 4. 09	. 17	T	.04 .22 .07 .25		.03	.04		.42 .28 .20 .22 .29	.16					.21	.09					.03	.15	.07 .5 1.03 .0 .05 .9 1.18 .0	5 5 5		3.25 3.38 3.66 2.54 7.63
ANTON AYTON FFEE SPRINGS LLINSVILLE LUMBIA				.67	1.00 .73 .60		.90	.28 1.12 .80 1.30	Т	.03		.03			.25 .80 .10	.96	.15	т										.10	.20 1.5 1.00 .8 1.0 .7	1 0 5 1 .13		4.37 3.89 4.20 2.99 3.90
WCY	R			1.60 .70 .61 .71	1.29	.02	.48 1.79, .05 .08 1.64	.89	.05	.12		,49		.10	2,00 .49 .40 .33	.27										.04	.70	.28 .82 .86	.30 .9 .74 .68	1 8	.03	5.63 4.16 3.55
NVILLE YTON CATUR CATUR NO 4 CATUR SUBSTATION				.34 1.35 .43 .22 .51	. 50 . 29 . 60 . 23		.38 1.46 .21 .24 .16	.31 .58 .68 .54	Т	.07 .05 .08 .03		T T	T .01		1.51 .24 .24 .24												.10		1.75 .6 .3 .3	7 1 2 0		2.13 6.31 2.11 2.38 2.02
BA ROD	R		, 06	1.09 1.07 1.23 .86	. 45 T		1.06 1.04 1.20	.70 .30		.13 .07 .05 .03 .16	.09			. 14	.36	.14	.43	.03									т	.06 .05 .05 .20	.31 1.0 .33 •.2 .31 .2 .07 .7	3 7 2 .34 5		5.75 3.98 3.54 4.77 3.43
ERGREEN CAA AIRPORT IRBOPE	R		.03	1.32	.87	. 79 T	1.20 .47 .24 1.30	. 11	.06	.08				. 46	.25	.06		.04			.15	.05	.18				.61	.06 .62 .05	.18 .9 .07 .8 .83 .85 .2 1,04 .1	2 .01		6.49 4.40 4.39 3.32 4.40
LCO 5 NE LEVILLE LLS CITY 6 NW RLEY VETTE				1.90 .60 1.25 1.19 .00	.40 .50 .07		.17	.59	.08	.06		.19	.01		.37	.02											.53	т	.75 .4 .25 .5 .02 .4	0		4.00 1.99 2.28 3.29 2.86
ORENCE AT LOCK ORT DEPOSIT ORT MORGAN ORT MORGAN //	R	T	.15	1.70 .80 .29 3.05 3.05		Т	.29 1.20 .02 1.06 1.06	.68	.02	.08				.21	. 14	1.03	T .05				.02	.51						.49	.48 .68 1.2 .88 .0	5		2.62 3.11 4.20 6.03 5.82
PET PAYNE RET PAYNE LISCO CITY LISCO LITY LISCO LITY LISCO CITY LISCO CITY	R			1.57 .72 .34 .95	. 54		.39 .10 1.37	.67 04 .68 .15	.16	.12 .02 .06 .28 .19	т	т	.02	.15	.39 .16 .53	.29												.06	.37 .0 .07 1.1 .08 .5 .03 .8	2 0 7		3.86 2.78 4.59
RDEN CITY NEVA ODWATER RGAS	R	т		1.41 .12 .33 .45	.50	.04	.07	.64 1.02 .53 .53	.08	.10 .03 .27 .17	.02			.11	.18 .01 .02 .17 .15	.38	.02											.47	.63 .07 .3 .18 1.4	8 .10		2,97 2,77 2,66 4,29 3,26
NTERSVILLE CITY W WES NTERSVILLE DAM LEYVILLE			.08	.54 1.02 1.69 .58 .35	.73		.25	.60	.08	.11	T	Т	.01	.20	.78 1.75 .34 .14	.91											.12	.09	.08 1.1 1.00 .46	4		4.55 4.42 2.93 2.86 2.49
MILTON RRISBURG 6 SE YNEVILLE ADLAND	R			.50 .78 .85 .62 .70		.10 T	.53	1.20		.12 .08			ī	•	.65	.15 1.24 .48	-	.05									T .52	.75	T 1.5	6 T		2.52 4.26 3.96 4.51
GELAND HOME GHTOVER DGGS WTSVILLE SUBSTA		*		.84	1.18		.08	.20 .16 .82 .31 .49	.09	.28		.02			.26 1.57 .08 .18 .20	.05	T										. 49	.07	.5	.50		1.68
CKSON SHOALS	R		T .48	.88 .92 .68	.39	.34	.04	.46 .04	.02 T	.06		.03 T	.12	.16	.04	.04											.21		.19 .0 .2 1.3 1.32 .03 .6	5	т	1.86 2.65 4.59 4.46 2.46
RDAM DAM PAYETTE Y DAM	R	.05	.03	.42	.36		.05 .06 .15 .02	.43 .26 .46 .20	.10	.15				.03	.06 .38 .43 .22	.26 .02 .08											.90		.08 1.8 1.61 .08 1.2			2.10 4.92 4.18

DAILY PRECIPITATION

ALABAMA DECEMBER 1950

Table 3-Continued																															DBC	CEMBRE	1000
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14		16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
LEEDS LEESBURG LIVINGSTON LOCKBART LOCK NO 17		Т		. 40 . 86 1.00	.89		.05 .05 1.90 .40	.37 .90 .10 .20		. 25 . 17 . 11 . 06 . 36	.02				.30 .24 1.24 .45 .07	.01							T				.40	T .03	.03 1.04 .04 .08	.54 .57 .04 .65	.02	Т	2.67 2.82 5.78 3.96 3.63
MARION 1 SSE	R		. 09	.38 1.13 1.21	.98		.08 .39 .06 .52	.68 .29 .73	. 05	. 19	_	-	_	.39	.22 .14 1.36 .77	.02	_										.08	.07		.33 .53 1.63	.01		2.17 3.75 5.74 4.96
MARION JUNCTION MARION JUNCTION 2 NE MARTIN DAM MAXWELL FIELD MELVIN				.97 1.26 .10 .69	.06 .50	Т	.50 .47 .05 .25	.52 T	. 08	.20 .09 .16 .07				. 23	.87 .90 .21 .80	.20 .23 .02 .26											.10	.60	1.73 ,08	1.70 .27 1.90	T .03		4.94 4.88 4.35 4.53 6.90
MERTZ 3 E MIDWAY MILLERS PERRY MILSTEAD MITCHELL DAM	R			1.48 .57 .56 .10	.48		. 50 . 45 . 38 . T	. 15 .05 .46 .23	.06	.14				. 17	.26 .68 1.45 .66	.12 .02 .52 .47	т										.30	.49 .11 .09		.92 .35 1.90 1.66	Т		4.20 3.86 5.57 4.32 3.38
MOBILE WB AIRPORT MOBILE WB CITY MONTE SANO MONTEYALLO MONTGOMERY WB AP	R			1.54 1.13 .45		.01 T	1.86 1.35 .12	. 51 . 28 T	T . 05	.10	. 10		, 02	T T	.42 .36 .22	.03 T .02	.04 .02				.04	.30	.04				.05 T	.01	2.36 1.62	.04 .10 .22 .94 T	T		7,49 5,64 1,62 2,92 4,33
MOULTON MUSCLE SHOALS CAA AP	R		.02	.55 .42 1.14 1.00 .70	.02 T	.06	.11 .83 1.03 .81	. 16 . 06 T . 03 . 79	.01	. 11	Т	. 01	T T	. 33		.01 T		т									.15	.15	1.62 .28 .25 .31	.25 .03 .93 .19			4.06 2.06 3.17 4.44 1.89
MEW MARKET NEWTON 2 NW OMEONTA ORRVILLE OZARK		.06		. 43 . 25 . 87 . 05	2.04		. 16	.40 1.00 .50		. 11	. 08		. 10		.10 .18 1.42 .12	. 75 . 23 . 50	.20	.07										.18		.41 1:03 .60 1.71	.24	.63	1.99 4.71 3.68 5.33 4.53
PAINT ROCK PALMERDALE PELL CITY PENNINGTON LOCK 2 PERRYVILLE	R	-	-	1.43 - .70 1.08	. 26	.03	1.20	. 03	.04	.01	-	- 01	-	. 20	1.05	. 23	.03	-		-	-	-	-	-	-	-	-	.03	.20 .66 .05	.54 1.60 1.35			2.61 - 5.15 3.49
PETERMAN PICKENSVILLE PINE BILL PINE LEVEL PLANTERSVILLE	R		. 02	.98 1.75	.60 .68 1.25	. 04	. 19 1.55 1.60	. 45 . 66 . 10		. 15	Т	-	_	.70	. 10 1.50 .28 .55	.53 .08 .22	-											.10 .10	.95 .22 1.55	1.38			4.05 7.58 4.47 4.65
PLEASANT GROVE SCE PLEASANT BILL PRATTVILLE PRIMCOSE FARM PUSHMATAHA	R			.60 1.56 .70 .49	.13	.21	1.82	.50	.06	. 10	-	-		.21	.06 1.05 1.14 .97 .98	.03 .09 .31 .39											.03			.29 .32 1.58		т	1.65 4 19 3.79 5.17
RED BAY REFORM RIVER FALLS RIVER FALLS 2 NE ROBERTSDALE 7 E	R			1.58 * 1.60 2.05	.17 .96 1.93		1.81 .48 1.29	.21 1.56 .57		.11	. 19			.05	.21 .13 .69 .32	.37	.08	.22			.13	.04	.16					.16	T .13 1.14 1.47	.15 .74 .91 .11	T .17		4.13 3.50 6.42 3.97 5.60
ROCK MILLS SAINT BERNARD SAND MT STATE FARM AP SAYRE SCOTTSBORO				.06 1.40 2.46 .14 2.05	. 60 . 50 . 24		.26 .32 .20 .22	.53 .23 .20	. 11	.26 .50 .10 .18	т	т			.14 .20 .28 .20 .10	.04	.01											.07	.13	.56 .33 .25 .62 .09	.01 T		4.35 3.22 4.18 1.83 3.38
SCOTTSBORO SUBSTA SELMA SHEFFIELD TVA NRSY SHOEMAKER SPRINGS SLOCOMB				1.29 .30 1.02 .47 .98	.55 .63	т	.07 .05 1.25	.18 .09 .65 .91	T	.06	Т	T .03	.02		.13 .76 .20	.30 .02												.78	.09	.39 .75 .20 .32	Т		2.69 4.88 3.34 2.11 2.96
SNOW BILL SOUTH HILL SUTTLE SWAIM SYLACAUGA				.91 * 1.02 .51	. 24 2.31 1.45 .52 .41		.09	.16 .10 .10 .49 .17		.15		т	.61		.95 .32 .75 .15	.74	.02											.25 .25		.47 .50 .95 .24			5.13 3.84 5.01 2.64 3.14
SYLVANIA TALLADEGA THOMASVILLE THORSBY I SW I THURLOW DAM	R			1.00 .75 1.32 1.10 .25	.43		.17 .77 .21	.65	T.02	.17	T.10	T	.06	.16	.20 .18 .69 .22 .48	.70											T.46	.27 .05 .36	.84 .10 1.00	.01			3.55 2.41 6.06 3.21 4.47
TRAFFORD 1 TROY	R R			.80 1.05 1.75 .73 1.02	.70	.08	.71 .30 .29	.25	.30	.23		.01		.15	.10 .09 .74 1.17	.62	-		-	-	-	_						,07	.46 .52 .32 1		.02		21 3,26 2,96 5,32
TUSCALOOSA CAA AP TUSCALOOSA LOCK AND DAM TUSKEGEE UNION SPRINGS UNIONTOWN			.02	1.07 .65 .42 .50	.38 .18 .32 .32	.65	.77	T . 14 . 50 . 52 . 08	.16	T .25 .40 T	.02	T		.16	.14 .21 .58 .73 1.16	.02 .04 .47 .26 .20	Т										.01	.02 .02 .25 .66	.10 1	.42	T .02		3.14 2.84 4.51 4.99 5.85
VALLEY HEAD VANCE VERNON	R R		.03	.82 .83 .20 1.24 .99	1.40	. 25 . 26	.50 .49 .36 .76		. 10	. 90				. 11	.10													.03	.60	.40			2.51 2.50 2.90 2.94 2.87
WADLEY WALLACE 2 NE WALNUT GROVE WATERLOO WETUMPEA				. 70	.85 1.10 2.00	. 22	.27 2.78 .05	. 56	Т	. 25					.10 *	.30	٠											. 25	.10 1	.72 .02 .24			3.80 3.24 3.58 3.36 4.61
WHATLEY WHEELER DAM WHITFIELD LOCK 3 WIDOWS CREEK STM PLT PL WILSON DAM		Т		1.23 .97 .65 1.75 .95	.62 .18 .30	т	.69 .67 .18 .23	.08 1.09 .08 .07 .89	.06	.06 .03 .11 .01	т	T .01		.06	. 13 . 13 1. 63	.04 .01 .18	.03	T										. 16	.04 1 .26 1 .37	.32	T		4.51 3.40 5.20 2.56 3.43
WINFIELD 2 SW YATES HYDRO PLANT YOUNGS STORE		.03		. 94 . 18 1. 18	.52	.01	.79 1.30	.49 .50 .69	. 01 T	. 07			Т		. 21 . 44 . 13	.34	т											. 60	.03	.30 .72 .21	T		2.81 4.52 3.59

						A. 1	M. Hou	ır endi	ng						-	_		P. 1	М. Но	ur end	ing					-
Station	ŀ	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	-
LAND . //	· / [.01	.01	. 01	.02		.21	. 29	.18	. 21	.04		-ls												.01	
T MORGAN // EMORGAN //					.04	.01			.01	.01	.01							. 01			٠	٠	. 02	.16 * .01 .06 .21	.03 * .14 .02 .04	
ILE WB AIRPORT LLE SHOALS CAA AP RMAN CALOOSA CAA AP ERSITY	6		٠	*	٠	٠	*	. 56		*	*	٠	· -3	.51 d-	•	*	•	•	•	.01	.04	.13	.12	.37	.02	
VILLE SON STON CAA AP AND RE STATE FARM RN SCS 10 REEN	6	.08	.19	. 04	* .01 .03	.29	.02	.03 .17	.03 .02 * .05 .01	.02 .15 * .03 .01	.01 .15 * .11 .14 .03	.47 .05 * .16 .09	.04	03 .37 .02 .10	.05 * .01	. 02	.01	.01	. 12	.06			.01	. 07	.01	1
R 2 SE INGHAM WB AP BELL VILLE MO 2 AN CAA AIRPORT W LOCK NO 7		.01	.01	.09	.30 .20 .24 .02 .01	.01 .97 .13 .01 .02	.24 .02 .57 .43 .13 .01	.02 .02 .25 .18 .17 .04	.01 .69 .33 .16 .01 .01	.01 .21 .67 .07	.01 .26 .12 .01 .16	.03 .06 .04	.01	.01	.01	.01	.02		.02	-	-	.30	.14	.02	.01	1 1
GREEN CAA AP ROCK NORGAN // PATNE EN CITY NVILLE NO 2 ERSVILLE CITY W WKS YVILLE	6	.02	.03	.02	.04	* .16 .01 .33 .23 .06	.38	.30 .21 .22 .35 .02	* .20 .01 .06 .14 .14 .08	.41 .34 .22 .10 .21	.18 .16 .43	* .12 .09 .12 .01 .07	.07 .12 .04	. 50 . 02 . 02 . 02	.01 .03 .18	. 03	.05	.01	.46	.13	.24	.11	.19	.07	,01	1 1 1 1
SVILLE WB AWY SON LOCK 1 SONYVILLE DAM OLIA AY	6	.01	.01	.01	.07	.01	.26 .12 .05 .21	.26 .17 .02 .15 .10	.07 .04	.16 .09 .27 .08	.04 .19 .16 .01	* .11 .03 .02	* .08 .01 .01 *	.43 .04 .01 .01 .06 .60	.01	.05	.19	* .01 .01	.01	.03						1
LE WB CITY GOMERY WB AP TON	6	. 02		.05 .29 .08 .02 .09 .11	.10 .03 .13 * .01 .03 .32 .27 .23 .01	.15 .07 .06 * .05 .26 .01 .05 .48 .02 .43	.15 .21 * .12 .20 .01 .01	.15	.16 .08 * .10 .10 .54 .17 .12 .11	.21 .09 .10 * .26 .10 .04 .13 .03 .49	.03	.02 * .06 .05 .01 .03 .02	.01 * .10 .03 .03	.02	*	.02	*	.07	* .16 .04 .01	.07	.07	.04	.08	.01	***************************************	1 1 1 1 1 1 1
PERSITY ON WS CREEK STM PL			.01	.11	.06 .01 .43 .19	.10	.51	.05	.01 .03 .03 .25	.01	.01	.01	.01		. 05	.02					.01	.03				1
GREEN CAA AP PAYNE TON SAMT BILL	6	.12					.02			-	-	en .	- -5t	- h-	-	-	-			-	-	-	-		es)	
STON CAA AP AND // AND // REPN Y R 2 SE BELL VILLE NO 2 W LOCK NO 7 EN CITY	6												-						.02	.08	.16 .08 .02 .01	.03 .05 .05 .03 .01	.02 .01 .05 .01	.01 .09 .08 .12 .11	.01 .05 .09 .31	
SON LOCK 1 ON 1 SSE	6														•				.01	.05 .02 .01	.01	.01	.01	.06	.04	
TON LE SHOALS CAA AP T ROCK RMAN Y	6													. 03	.01	*	٠	*	*	.19		.01		.08		
VILLE	e	0.5											-6t			.05	.11	.15	.21	.16	.10	.05	.13	.01	.01	1.
ISTON CAA AP AND // DRE STATE FARM JRN SCS 10 GREEN TY	6	.05	. 24	.04	. 20	. 01	.12	.14	. 02	.01	.03	.02	.03	.05	.01	.01	.05	.03	.06	.22	.15	.03				

Station						A. N	M. Hou	r endi	ng						rena e ar ery	~		P. 1	A. Hou	r endi	ng				
Station		1	2	3	4	5	6 !	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
BEXAR 2 SE BIRMINGHAM WB AP			.14	. 02	.01	.05	. 04						. 01	11	.01	.02	. 02	. 04	. 01		. 05				
CAMPBELL DADEVILLE NO 2 DOTHAN CAA AIRPORT			. 15	10	09	, 07				. 05	.03	. 15	. 05	. 05	. 04	.01	. 06	. 09	.01	.01	.02	. 09	.04		
EUTAW LOCK NO 7 EVERGREEN CAA AP FLAT ROCK	6	.06	.10	. 04	0.5	* 11	. 02	. 01	*	٠	٠	02	. 05	. 01	*	* 02		*	.01	. 05	, 09	. 01	. 02	. 02	
FORT MORGAN FARDEN CITY FREENVILLE NO 2	//	*		01	.05	. 08	01	٠	1 06 .03 .10	. 01	.01	.01	. 04	01	.10	. 03	. 02	.07	. 01	.01					
UNTERSVILLE CITY W WKS LALEYVILLE UNTSVILLE WB AWY	6	02 08 06	80	.12	05	05	.04	. 03	.02	. 06	.08	.11	.07	.06	. 06	.07	.01	.04	.02	. 06	. 08				.02
ACKSON LOCK 1 ACKSONVILLE AGNOLIA	Ů	. 21	30	. 22	09	. 09	.07	. 01				.01	.01						. 01	, 01	.02		.02	. 02	. 01
ARION 1 SSE 1DWAY	C		01	. 08	, 04	.14	. 04	1,78	.04	. 01	.01	.02	.09	.05	.01	. 02		.01	,07	08	. 05	. 04	.01		
DBILE WB AIRPORT OBILE WB CITY ONTGOMERY WB AP	6		.76	. 26		.13	.08		0.7	. 01		.01	.02				.03	. 03	.03	.04				. 01	
OULTON USCLE SHOALS CAA AP EW BROCKTON	6	.05	.08	. 02	.02	.03	.03	. 44	.05	.01	.11	.19	.02	.05 .25 .02	.03	.11	.07	.02		.32	.10				. 01
AINT ROCK ETERMAN IVER FALLS 2 NE		.06				. 61	.04	.04	.05	.13	.01				. 08	.11	.04	.01	.08	.05	.06	. 06			
HORSBY 1 SW DNEY RAFFORD		.01			.05	.03	.02	. 05	. 09			.01	. 08	.03	.02	.05	.03	.03	.02	.03	.01	. 07	.02		
ROY USCALOOSA CAA AP NIVERSITY	6	.26	.02		.05			.30			.13	.02	.04	. 24	,01	.01	.05	.10	.07	.03	.12				
ERNON IDOWS CREEK STM PL		.23	.10	.06	.04	. 09	.06	.02	.03	.02		.06	.07		.01	.01	.04		. 04	. 03		.02		. 07	
													-7t	h-											
BBEVILLE DDISON NISTON CAA AP	6	01 . 38	.08	. 02		.01	.01	.03	.01	. 03	.01	. 07	.17	. 20	. 06	. 05	. 03	.04	.04	.02	01	. 01			
RMINGHAM WB AP DAZ DEVILLE NO 2		-	. 01	05	.01	-02	~	~		.01															
RT PAYNE RTSVILLE WB AWY CKSONVILLE	6	. 35	-	-		-	-		-	-						.01	.02	. 01	.05	.11	.16	. 04	. 03		
Y DAM GNOLIA		.12	. 29	.06	.06	. 09	.06					. 03	.02			. 02	. 04		.04	.02					
RION 1 SSE DWAY DULTON						0.1	. 03	01		. 03		*	*	*	*	.15		.02	. 00	.04					
EW BROCKTON INT ROCK DOWS CREEK STM PL		. 03		.02		.01		.01		. 01	u.		.05												
													8t	h-											
BBEVILLE NNISTON CAA AP SHLAND	6														*	•	*	*	•	. 01	٠		.05	* .03	.03
ERRY IRMINGHAM WB AP DAZ																		.01	.02	.01	.08	. 09	.01	. 01	.01
JTAW LOCK NO 7 PERGREEN CAA AP	6																		.01	.04	.01		٠		*
ORT MORGAN ORT PAYNE ARDEN CITY ONTERSVILLE CITY W WKS	//									1											. 02	. 02	.07	.04	.05
CKSONVILLE LY DAM																							0.0		
GNOLIA										4			!	0.0						. 03	. 01	.01	. 03	. 03	.04
NTGOMERY WB AP										,			!	. 02						.03	.01	.01		.03	. 01
ONTGOMERY WB AP SCLE SHOALS CAA AP INT ROCK	6							. 06	.01	٠,		. 01	. 01		.09	.02	.02	.02	. 02			,	.18	.07	. 01
ONTGOMERY WE AP USCLE SHOALS CAA AP LINT ROCK LAAFFORD LOY USCALOOSA CAA AP	6							. 06	.01		•	. 01	.01		.09	.02		*	.02	.01	.02	,			.01
ONTGOMERY WB AP USCLE SHOALS CAA AP AINT ROCK AAFFORD ROY USCALOOSA CAA AP WIVERSITY								. 06	.01	•	φ	*	.01 -9t	.01	.09	.02		*		.01	.02	.05	.18	.07	.01
ONTGOMERY WE AP USCLE SHOALS CAA AP AINT ROCK RAFFORD ROY USCALOOSA CAA AP NIVERSITY IDOWS CREEK STM PL BBEVILLE	6	13				*	.01		*	.08	.01	*	٠	.01	.09	.02		*		.01	.02	.05	.18	.07	.01
ONTOOMERY WE AP SISCLE SHOOLS CAA AP LINT BOOLS LAFFORD OV SISCALOOSA CAA AP VIVERSITY LOWS CREEK STM PL SBEVILLE NNISTON CAA AP SHLAND UBURN SCS 10		.13		* .03	•	•	.01	.06	*	.08	.01	*	٠	.01	*	•		.01		.01	.02	.05	.18	.07	.01
DITCOMERY WE AP SISCLE SHOALS CAA AP LINT ROCK AAFPORD OY SCALOOSA CAA AP HVERSITY DOWS CREEK STM PL SBEVILLE HNISTON CAA AP SHLAND DBURN SCS 10 GRUNN SCS 10 GRUNN SCS 10 TRMINGHAM WB AP JAZ TURN NGHAM WB AP JAZ TURN NGHAM WB AP JAZ TURN NGHAM WB AP JAZ TURN NGHAM WB AP JAZ TURN NGHAM WB AP JAZ TURN NGHAM WB AP JAZ TURN NGHAM WB AP JAZ TURN NGHAM WB AP JAZ TURNAN CAA AIRPORT	6	.02	.06		.01		.01	.22	*	.08	.01	*	٠	.01 .02 h-	*	•	* .01	.01	.06	.01	.02	.05	.18	.07	.01
DNTGOMERY WB AP INTERCE SHOALS CAA AP INTERCE AAFPORD AOY SICALDOSA CAA AP VIVERSITY IDOWS CREEK STM PL BBEVILLE NNISTON CAA AP SELLAND USURN SCS 10 IRMINGEAM WB AP OAZ OTHAN CAA AIRPORT VERGREER CAA AP LAT ROCK DOT PAYME	6		.06	. 03	.01	• •	.01	. 22	*	.08	.01	*	• -9t	.01 .02 h—	*	•	* .01	.01	.06	.01	.02	.05	.18	.07	.01
DNTGOMERY WB AP JISCLE SHOALS CAA AP AINT ROCK AAFFORD AOY JISCALOOSA CAA AP VIVERSITY LIDOWS CREEK STM PL BEBEVILLE NNISTON CAA AP SULAND UBURN SCS 10 LEMINGHAM WB AP AOZ OTHAN CAA AIRPORT VERGREEN CAA AP LAT ROCK ORT PAYNE ALEFVILLE UNTSVILLE WB AWY ACKSON LOCK 1	6	.01	.06	.03	.01	.01	*	.22	*	.08	.01	*	• -9t	.01 .02 h—	*	•	* .01	.01	.06	.01	.02	.05	.18	.07	.01
DNTGOMERY WB AP INCLE SROALS CAA AP LINT ROCK AAFPORD OVER CONTROL OF CONTROL OVER	6 //	.01	.06	.03		* .01	*	.22	.01	•	•	.01	• -9t	.01 .02 h—	*	.03	.01	.01	.06	.01	.02	.05	.18	.07	.01
DOTGOMERY WE AP USCLE SHOALS CAA AP AINT ROCK ARFORD ROY USCALLONS CAA AP NIVERSITY IDOWS CREEK STM PL BEEVILLE NNISTON CAA AP SELAAM USUURN SCS 10 IRMINGHAM WE AP OAZ OTHAN CAA AIRPORT VERGREEN CAA AP LAT ROCK ORT PAYNE ALEYVILLE WE AWY ACKSON LOCK 1 ACKSONVILLE AY DAM ARION I SE IDWAY OBILE WE AIRPORT	6 //	.01	.06	.03		* .01	*	.22 .02 .08 .06	.01	.08	•	*	-9t	.01 .02 h—	*	.03	.01	.01	.06	.01	.02	.05	.18	.07	.01
ONTGOMERY WE AP USCLE SROALS CAA AP AINT ROCK RAFPORD ROY USCALOOSA CAA AP NIVERSITY USCALOOSA CAA AP NIVERSITY USCALOOSA CAA AP NIVERSITY USCALOOSA CAA AP USCALOOSA CAA AP USCALOOSA CAA AP USCALOOSA CAA AP USURN SCS 10 IRMINOHAM WE AP OAZ OTHAN CAA AIRPORT YERGREEN CAA AP LAT ROCK ORT PAYNE ALEYYILLE UNTSYILLE WE AWY ACKSON LOCK 1 ACKSONVILLE AY DAN ARION 1 SSE IUWAY OBILE WE AIRPORT OBILE WE AIRPORT OBILE WE CITY ONTGOMERY WE AP USCAL SHOALS CAA AP	6 6 6	.01	.06	.03			* * *	.22	.01	•	•	.01	-9t	.01 .02 h—	*	.03	.01	.01	.06	.01	.02	.05	.18	.07	.01
ARION 1 SSE ONTHOMERY WA AP USCLE SHOALS CAA AP AINT ROCK RAFPORD ROY USCALOOSA CAA AP NIVERSITY IDOWS CREEK STM PL BBEVILLE BRISTON CAA AP SELAND UBURN SCS 10 IRMINGHAM WB AP OAZ ONTHAN CAA AIRPORT YERGREEN CAA AP LAT ROCK ORT PAYNE ALEYVILLE UNTSVILLE WB AWY ACKSON LOCK 1 ACKSONVILLE AV DAN BARION 1 SSE IUDWAY OBILE WB CITY OBILE WB CITY ONTIGOMERY WB AP ONTIGOMERY WB AP USCLE SHOALS CAA AP AINT ROCK ETERMAN IVER FALLS 2 NE	6 6 6	.01	.06 .01 * .01 * .04 .05 .01	.03	* * * .01		* * * .01	.22 .02 .08 .06	.01	•	•	.01	-9t	.01 .02 h—	*	.03	.01	.01	.06	.01	.02	.05	.18	.07	.01
ONTGOMERY WE AP USCLE SROALS CAA AP AINT ROCK RAFPORD ROY USCALOOSA CAA AP NIVERSITY IDOWS CREEK STM PL BBEVILLE NNISTON CAA AP SELAND UBURN SCS 10 IRMINOHAM WE AP OAZ OTHAN CAA AIRPORT VERGREER CAA AP LAT ROCK ORT PAYNE ALEYVILLE UNTSVILLE WE AWY ACKSON LOCK 1 ACKSONVILLE AY DAM ARION 1 SSE IDWAY OSHLE WE AIRPORT OSHLE WE AIRPORT OSHLE WE AIRPORT OSHLE WE AIRPORT OSHLE WE AIRPORT ONTGOMERY WE AP USCLE SHOALS CAA AP AINT ROCK ETERMAN	6 6 6	.01	.06	.03	* * * .01		* * *	.22 .02 .08 .06	.01	•	.01	.01 *	-9t	.01 .02 h—	*	.03	.01	.01	.06	.01	.02	.05	.18	.07	.01

See reference notes following Station Index.

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					A.	М. Но	ur end	ing									P.	М. Но	ur end	ing				
Station	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	I S	6	7	8	9	10	11	12
								~	_	,0		. ,		4				U				,		. 12
DADEVILLE NO 2 RUNTSVILLE WB AWY 6 MUSCLE SHOALS CAA AP 6 PAINT ROCK PLEASANT BILL TONEY WIDOWS CREEK STM PL		-	-	-	-	-	-	-	-	.01	.02	-11	th-	:	, 01 , 01		.01	•	.19	.10	. 07			
ADDISON ISHLAND UBURN SCS 10 SELOREEN SEXAR 2 SE IRMINGHAM WB AP JOAZ								. 01	. 01	.01		-13	th-							٠	. 01	. 04	• 08	.15
NMPBELL JADEVILLE NO 2 JOTHAN CAA AIRPORT ZUTAW LOCK NO 7 JUTERGREEN CAA AP 6 LAT ROCK ORT MORGAN //													15	. 04	.02			. 01	. 01	.01	. 06	.17	.02	.06
CORT DAYNE ARDEN CITY REENVILLE NO 2 UNTERSVILLE CITY W WKS UNTSVILLE WB AWY ACKSON LOCK 1 ACKSON VILLE AY DAW ACKONVILLE AY DAW ACKONVILLE AU DAW													. 10	.04	.02					.06	.06	.04	.10	.08
ONTGOMERY WE AP OULTON USCLE SHOALS CAA AP 6 EW BROCKTON AINT ROCK LEASANT HILL IYER FALLS 2 NE	01	.08	. 03	.01	.01	.01	.01	.01	. 01		.08	.05	. 52	.04	.04					*	.10	.01	.10 .13 .10	.06
HORSBY 1 SW ONEY RAFFORD ROY USCALGOSA CAA AP 6 NIVERSITY ERNON																			. 05	.04	.01	.03	.02	.14
IDOWS CREEK STM PL												-14	th-										.04	.02
BBEVILLE NNISTON CAA AP 6 SELAND // TMORE STATE FARM UBURN SCS 10 ELIGRENN		.01	. 05	02	. 07	.01	.03		.10	.06	.06	.02	.11	. 40		.01								
ERRY EXAR 2 SE IRMINGHAM WB AP OZZ AMPBELL ADEVILLE NO 2 OTHAN CAA AIRPORT	.03	.01	.31	.02	.03	0.0		. 23	.01	.01	.05	.01	.04									.03	.10	.15
OTHAN CAA ATREVER UTAW LOCK NO 7 VERGREEN CAA AP LAT ROCK OET PAYNE ARDEN CITY REENVILLE NO 2	.20 .01 .15 .04	.12	.02	.01	.01			.06		.02	.01	.01	.01	¢	*	. 05	*	•	. 05					
UNTSVILLE WB AWY 6 ACKSON LOCK 1 ACKSON LICK 1 ACKSON LICK 1 AGNOLIA LUWAY LUWAY	. 16 . 01 . 04 01 13	01 02 02 10 05	.03	.02	05	.01	.12	. 15		.02		.01		. 02	. 02	. 01	. 01	.01						
OBILE WB AIRPORT 6 DBILE WB CITY DWILE WB AP DWITON UNCLE SHOALS CAA AP 6	. 11		.04	*	M	.01	.02	. 03	0 1	.01	. 08	.02	.20			, 01								
EW BROCKTON LEASANT BILL IVER FALLS 2 NE BORSBY 1 SW RAFFORD	.12 05 01 .05	03 09 01 .03	01	.01 .18 .01 .03	01 02 01 02	.12		. 01		.04	.03	.06	. 01	. 01	•	.01	٠	.17						
ROY USCALOOSA CAA AP 6 NIVERSITY	.01	.04	.07	.03	• 08	*]	.08	, () 1 a	. 23	.01		;º³ -15t		٠	. 01	. 04	٠	•	. 01					
BBEVILLE TMORE STATE PARM OAZ ADEVILLE NO 2 OTHAN CAA AIRPORT			. 06	.01	. 02		.01	. 04	,05		. 01							-		-	-			
VERGREEN CAA AP 6 ACKSON LOCK 1 IUWAY OBILE WB AIRPORT 6 LEASANT HILL LEASANT HILL				•			.05		• 1		.02	.03	.01	.01										
IVER FALLS 2 NE ROY USCALOOSA CAA AP 6		٠			٠	+ 1	.01	٠	- 1		:	: -16t	10	-	-						-		-	-
VERGREEN CAA AP 6 ORT MORGAN // ALEYVILLE ARION 1 SSE OBILE WB AIRPORT 6	-				÷			-	-											•			. 03	

ALABAMA DECEMBER 1950

Table 4-Continued						A	— М Но	ur end	ina			_						P	M Ho	ur end	ina			DEC	EMBER	1950
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	,,	10	Total
		←			-				-		T	1	12	-			-			1		9	10	11	12	
MOBILE WE CITY PETERMAN RIVER FALLS 2 NE		ê	*	*	-*		.13	-	-				2.00										.01	. 01		.02
EVERGREEN CAA AP	6	. 02											-17	th-	-		1									
MOBILE WB AIRPORT	6	.04											-19	uL.												
BOAZ		-	-	-	-	-	-	-	-	~	-	-	-	-	-	-	-	-	-	-						-
FORT MORGAN	//										1		-20	th-	-		01		. 01							. 02
MOBILE WB AIRPORT MOBILE WB CITY	6	I			Ī			1					0.		*	٠		. 01	.01	.04	.01					.04
FORT MORGAN	//	ı			1	. 03		.01	. 03	. 01		. 01	-21	. 01	. 01	. 03		. 03	.12	. 01	. 03	. 02	.01	, 01		. 43
MOBILE WB AIRPORT	6		۰	٠	*		*	.01	*	*	+	*	*	.01		*	.01		.03	.15	- 8	9	*	.02	*	.17
MOBILE WB AIRPORT	6	.13	*		[*			.04			1		-22	2a-			ı									
MOBILE WB CITY TROY		-	-	.02		-	-	-	-				25	LL.												.02
AUBURN SCS 10		I			1								-25	tn-	_		,25	.07								.32
DADEVILLE NO 2		I			1							_	-26	th-											.04	. 04
ABBEVILLE ANNISTON CAA AP	6				-										.06	*	*			.01			.01	.13		.20
BOAZ CAMPBELL DADEVILLE NO 2											* .01	* .13	.01	.01	.33	.16	.04	.03	.03	.05						.02 .15 .70
EUTAW LOCK NO 7 EVERGREEN CAA AP GREENVILLE NO 2 JACKSON LOCK 1	6								* . 01	. 01	.03	.10	.01	.01	.16	.04	.02	*	*	.01	* .02 .04	* .01	*	*	*	. 61
LAY DAM MAGNOLIA MARION 1 SSE									. 01	.01	.03	.10	.08	. 02		. 29	.01	.04	. 01	.01	.01	.01				.44
MIDWAY MOBILE WB AIRPORT MONTGOMERY WB AP	6	İ							*		*	٠		.04	*	*	*	* . 35	*	.01	. 21	. 02	. 07		į	.30
NEW BROCKTON PLEASANT HILL THORSBY 1 SW		! !			i I								.16	. 04		.16	.02	. 08	.01	i i	.01	. 01	.14	. 01		.15 ,
TUSCALOOSA CAA AP	6	l			İ			İ				_	-27		*	*	*	*	*	, 01						
ABBEVILLE ANNISTON CAA AP	6	1									 		2 2	LIL			1			1	*		*	*	.01	.01
ASHLAND AUBURN SCS 10 BIRMINGHAM WB AP	//																00	21	20		10	. 02	.03	.03 .07 .01	.03	.06
DADEVILLE NO 2 DOTHAN CAA AIRPORT EUTAW LOCK NO 7																*	*	.31	. 32	.09	.01	.01	.01			. 86 . 05 . 05
EVERGREEN CAA AP JACKSONVILLE LAY DAM MAGNOLIA	6	.01													•	•	.01	.02	. 01	, 08	. 01	. 02	.03	.01	.04	.04 .05 .07
MIDWAY MOBILE WB AIRPORT MOBILE WB CITY	6														*	*	*	*	* .01	. 08		.01	. 09			.01
MONTGOMERY WB AP NEW BROCKTON PETERMAN															. 05	. 05			.01		.01	.07	.03	. 01	İ	.12
PLEASANT HILL RIVER FALLS 2 NE THORSBY 1 SW																		. 01	. 01	. 01	. 01	.05	.03	.01	. 01	.04 .06 .05
TROY TUSCALOOSA CAA AP UNIVERSITY	6	-	-	-	-	-	-	-	-	-	-,	-	-	-	-	-	-	-	-	-	*	*	* .01	*	.02	.03
		r										-	-28	th-								04			04.1	24
ABBEVILLE ADDISON ANNISTON CAA AP ASHLAND	6	. 04		. 01	.01	*	*	. 02						.04	.01	*	.01	.05	.13	.01 .01 .57	.01	.01	.05	.03	.01	.34 .21
ASBLAND ATMORE STATE FARM AUBURN SCS 10 BELGREEN	//	. 01	.01	. 25	.20	.30	.15	.20	.05		.07	. 19	.13	.03	.04	.02	. 29	.30	.06	.04	.01	.15	.14		.01	1.15 1.77 .27
BERRY BEXAR 2 SE BIRMINGHAM WB AP												.03	.08	.14	.15 .02 .03	.08	.01	.06 .10 .08	.02	.01	.02					.55 .30 .44
BOAZ CAMPBELL DADEVILLE NO 2											.09	. 38	.27	.01	.06	.06	.04	.10	.05	.01		.01	. 01			.35 1.75 .74
DOTHAN CAA AIRPORT EUTAW LOCK NO 7 EVERGREEN CAA AP	6			٠	*			.01				.01	.18	.19	.29	.04	.09	.03	.06	.01	*	.01	. 09		.01	.83
FLAT ROCK FORT MORGAN FORT PAYNE	//										.01	.07	.35	.07		.05	.05	.09 .15 .09	.09 .07 .11	.16	.02	.02	.06	.01	.01	.48 .85 .37
GARDEN CITY GREENVILLE NO 2 GUNTERSVILLE CITY W WKS											. 01	.01		.08	.19	.06	.13 .19 .08	.11	.01 .10 .12	.01 .01 .02	.01	. 02	. 05	.02	.01	.63 1.00 .46
HALEYVILLE BUNTSVILLE WB AWY JACKSON LOCK 1	6										. 27	.11	.02	.05	.07	.03	.01	.04	.01	.01	.01	*	*			1.32
JACESONVILLE LAY DAM MAGNOLIA		.01		. 01				. 01	*		.01	. 43	*	.01	.01	.03	.13	.09	.15	. 04	.01	.01	*	* 1	.12	.50 1.12 1.70
MARION 1 SSE MIDWAY		٠	*	4	*	*	*	4	*	*	*	*	*	.01	.15	.16	.07	. 08	.14	.01	.12	.03	. 04	. 03	.08	.92

See reference notes following Station Index.

ALABAMA DECEMBER 1950

						A.1	M. Hou	ır endi	ng				1					P. 3	4. Hou	ir endi	ng					3
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	Total
MOBILE WB AIRPORT MOBILE WB CITY WONTGOMERY WB AP MOULTON	6			• ;	٠	*	•	.07	٠	,01	.42	.17	.11 .02 .07	.90	* .17 .31	. 27 . 17 . 02	.18 .25	.05	.01	.65 .01 .02	.07	.03	.11	4	.01	1.62 1.68 .28
MUSCLE SHOALS CAA AP NEW BROCKTON PAINT ROCK PETERMAN PLEASANT HILL	6			.01	.01				.01	.02	.01	.20	. 04	.02	.15	.04 .04 .21 .25	.06 .03 .10	.07	.01	.05	.05 .03 .02	. 04	.01	. 01		.31 .20 .95 1.17
RIVER FALLS 2 NE THORSBY 1 SW TONEY TRAFFORD		.01							.01	. 02			.31	.09	.08	.07 .14 .06	.20 .26 .08	.07 .15 .02	.08 .06 .04	.09	. 01	. 04				1.14 1.00 .46 .52
TROY TUSCALOUSA CAA AP UNIVERSITY VERNON WIDOWS CREEK STM PL	6	.02	.01			•	*	*	.35	٠	.01	. 02	.10	.18 .08 .22 .07	.18	.07	.04	.03	.01	. 60	.02	.01	.01	. 01	.13	1.74 .57 .35 .37
												_	-29	th-												
ABBEVILLE ANNISTON CAA AP ASULAND	6	01 05 01	16	. 02	. 18	.12	. 01	.10	. 09	.08	.18	.02	. 03	. 21	.04	.01	,02	. 01								1,29
ATMORE STATE FARM BOAZ DOTHAN CAA AIRPORT)5	08	.01	.02	.01				. 05				. 04	. 01	. 01	. 02									.18 .05 27
EVERGREEN CAA AP FORT PAYNE BUNTSVILLE WB AWY	6	91 01	01	* 1				.21																		. 02
MARION 1 SSE MIDWAY		02	01		.07	.09	.01	,03	*	*	1.76															1.76
MOBILE WB AIRPORT MOBILE WB CITY MOULTON	6	, 02	.04	.03	.01		.02	.04																		.10
MUSCLE SHOALS CAA AP NEW BROCKTON	6	.07	. 01	. 03	.06	.01	.02	.01	. 24	.19	.02	. 22	.03	. 06	.01	.01										. 93
PAINT BOCK PLEASANT HILL RIVER FALLS 2 ME		.01	.01	.03	.01	. 02		.01	.02	.23	.06															.32
THORSBY 1 SW TROY TUSCALOOSA CAA AP	6	.01	.03	.18	.04	.04	.01			. 1				. 01												. 01

Table S			_		~~																										DECE	HBEK	
Station								_	0		10		10	10		-	f mor		10	10	20	21	20	22		· OP		277		,			verage
ALBERTVILLE 1 S	MAX	57	2 66	3	62	43	56	7	32	9 38	10	32	32	35	41	15	16	47.	18	31	37	41	43	55	24	61	59	53	48	36	40	50	45.6
ALLVANIED TO NE	MIN		47		28	35	38	23	21	24	37	37	51	28:	31 43	36	50	25 52	17	14	17 52	20	25 60	30 66	66	67	25	25 57	27	30	31	25 54	26.9
	MIN	34	47 78	51 73	29 62	29 53	38 56	26	28	36	20 53	24	26	19	33 51	39 46	26	29	18	11	18	18	19	22 62	28 67	24 67	28 68	32 75	29	32	40	27	28.5
ANDALUSIA	MIN	50	56	58	33	35	41	29	30	43	31	21	30	31	35	42	39 52	39	27	22	29	39	39	34	37	38	45	40	40	38	39	31	36.8
ANNISTON CAA AP	MAX		71 53	37	30	36	34	26	29	26	26	25	28	30	34	27	24	25	19	13	19	19	25	24	27	24	30	28	30	33	37	25	28,6
ATMORE STATE FARM	MAX		73 58	70 56	33	67 41	57 44	28	55 34	55 46	53 34	25	58 32	33	53 40	58 44	59 40	39	55 27	52 22	55 32	54 35	38	70 35	68 36	69 36	42	38	55 39	54 39	50 42	30	59.0 37.3
AUBURN	MAX		74 51	71 55	61 30	33	53 40	55 27	38 27	33	47 26	36 24	38 23	50 23	50 26	37	48 29	32	52 21	15	20	52 25	27	30	65 36	33	67 38	65 32	30	35	35	47 29	51.5 30.9
BAY MINETTE	MAX		73 60	68 55	58 33	40	40	29	58 34	55 46	50 34	25	61 34	58 35	41	58 47	43	57 40	28	51 24	35	52 40	63 42	70 39	70 40	73 41	75 41	39	39	38	48	55 32	58.9 38.9
BELLE MINA 2 N	MAX		70 57	/0 42	45 25	57 37	54 33	34 24	19	45 28	37 23	35 25	43 30	30	48 29	53 33	53 21	44 25	37 15	35 14	43 17	48 18	56 23	60 28	63 36	60 25	60 38	45 20	43	30	48 29	50 21	49.6
BIRMINGHAM WB AP	MAX		71 60	63 36	47 29	57 37	54 27	36 24	30	43 28	35 26	34 25	41 28	41 33	44 35	48 29	51 26	49 26	36 18	39 16	49 23	46 22	59 31	63 29	65 34	66 26	62 32	46 28	37 33	44 36	43 35	52 26	49.6 30.2
BIRMINGHAM WB CITY	MAX	74 48	70 60	67 47	50 29	57 37	52 43	44 25	39 30	42 35	37 31	34 25	42 30	41 32	44 36	48 40	53 28	52 30	41 18	40 19	52 29	48 27	62 34	67 38	69 46	67 34	64 52	57 28	43 34	44 35	44	54 26	51.5 34.4
BREWTON 3 SSE	MAX MIN	79 42	82 54	67 46	58 34	59 43	58 48	48 30	55 32	58 36	54 27	46 25	60 25	55 28	52 38	58 45	61 39	58 37	45 28	53 19	56 27	52 30	64 40	69 28	69 30	69 29	75 3 7	69 41	49 41	50 40	50 43	56 27	59.2 35.1
CAMDEN	MAX MIN	78 52	72 60	67 47	52 30	56 38	55 39	43 28	50 34	49 40	43 31	41 23	54 27	50 30	45 39	52 43	52 33	55 39	47 24	48 22	57 27	52 28	61 28	66 40	68 39	66 32	70 46	63 33	42 34	44 36	48 42	53 28	54.8 35.2
CAMP HILL 2 NW	MAX	77 45	73 50	70 54	55 29	54 30	52 37	55 27	39 27	43 34	42 26	36 25	36 24	50 22	47	46	48 28	50 29	52 19	42 14	42 15	52 21	48	52 25	60 28	63 29	66 32	63 31	46 30	34 30	40 33	47 27	51.0 29.4
CENTREVILLE	MAX	62 42	76 43	75 55	60 30	56 34	58 36	54 28	40 28	40 36	42 23	40 23	40 23	52 22	50 26	44 38	50 30	49 32	52 21	40 16	45 19	49 21	48 23	52 25	50 24	55 27	62 30	60 30	48	39 31	45 34	47 31	51.0 29.5
CHATOM	MAX	79 48	74 59	69 46	54 30	62	56 34	46 26	54 33	56 44	50 30	48	58 24	54 33	48	54 41	59 39	59	48 25	53 18	55 31	51	63 31	69	70 30	72	74 36	62	44	48	49	56	57.9 34.2
CITRONELLE	MAX	78 56	73 61	67 46	54	62 41	56 42	44	58	57 47	49	48 25	60	56 35	51	57 47	60	58	48 27	53 26	54 37	51 38	60	67 42	68 45	67	74 45	67 38	48	49	49	54	58.0 39.4
CLANTON	MAX	63 40	73 48	70 56	58 29	49	54 37	52 26	38 27	42	41 28	36 25	36 23	51 24	48 25	42	49	47	51 19	37 17	42 18	50 24	46 26	57 28	64 29	65 31	67 32	65 31	43	37	44	44 26	50.4 30.0
CORDOVA	MAX	70	65	62	47	60	58	50	38	43	40	34	41	44	44	51	52	48	42	38	48	49	58	64	65	66	64	58	42	46	46	51	51.1 32.3
DAYTON	MAX MAX	72 50	53 72 60	70	27 49 31	33 58 38	45 55 37	23 41 27	25 46 33	36 47 38	24 45 30	24 40 22	25 50 27	31 50 29	32 44 38	49 43	22 49 32	25 52 36	17 46 22	45 1	52 30	27 48 29	34 59 32	36 65 34	34 68 41	38 66 31	48 70 46	25 58 31	36 41 30	36 45 36	43 47 42	50 28	53,2 34,4
DECATUR	MAX	70	70	66	44	58	53	37	36	42	37	30	36	41	48	50	45	39	32	36	40	47	55	62	59	61	60	38	38	43	45	47	47.3
DOTHAN CAA AIRPORT	MAX	78	76	66	55	38 55	60	46	51	57	48	43	58	32 51	35	59	58	55	45	18	58	53	62	67	67	30 68	74	59	43	44	46	55	31.4 56.5 36.0
EUFAULA	MAX		74	71	35 61	38 55	45 55	32 45	35 57	52	45	45	58	52	50	52	55	35 56	50	40	55	55	60	65	70	66	73	69	36	38 41	45	55	56.2
EVERGREEN CAA AP	MAX	79	72	51 64	32 53	38 57	57	30 47	30 52	42 52	28	43	27 58	27 54	36 46	41 56	30 60	36 57	23 43	19 51	18 58	53	28 64	69	70	30 69	40	30 58	34	50	50	56	32.7 56.8
FAIRHOPE	MIN MAX	45	73	66	59	38 61	32 62	29 47	32 62	60	25 52	48	62	29 59	39 57	45 64	38 60	32 59	25	18 51	60	28 51	60	68	70	71	36 75	60	38 57	38 53	51	58	32.9
FAYETTE	MIN	53	74	43 72	57	49	32 58	30 48	33	38	32 43	26 38	34	33 43	43	49	51	38 51	29 49	23 37	33	42	42	39	65	42 64	48 64	60	41	39	42	32	38.7 49.5
FORT MORGAN	MIN	38	70	54 66	26 54	27 65	41 65	25 46	25 62	31 62	27 53	21 55	60	63	27 64	37 59	26 58	26 57	53	15 48	18	20 52	60	64	27 69	25 63	26 71	23 68	23 65	36 65	38 62	53	27.5
FRISCO CITY	MIN		63	46 72	38 57	46 53	36 55	31 53	41	48	41 54	33	47	40 57	42 56	50 47	48	44 59	35 58	33 49	44 51	43 59	45 51	45 65	48 70	46 69	52 68	50 73	45	45	45	38	44.1 56.7
GADSLEN	MIN	47	57	56 70		31	41	28 52	29 38	35	30		28	31	34		40			21 36	28	34	37	35	37 63	37 62	44 65	35		38	38		35,3
GENEVA	MAX	31		50 76	63		38	26 58	22	30 52	20	26 50	25	27 59	32 52		18	21				17	22 54	22	65	68	29 69	75	55		35	24	26.6
GOODWATER	MIN		48	55	35		35	32	32	33	29	. 29	28		34	40		42	29		25	28		30			38	48	41		42	35	35.4
GREENVILLE	MIN	37	50	55	30		38	25	25	33	27	24	24	24	24	36	28	30	18	16	17	27	29		29	29	31	31	29	29	35	30	29.7
	MIN	45	46	47	36	35	43	55	56 33		29	24		50 26	35	53 39	30	34	24	18		32	28					30	32	33	36	34	32.6
HALEYVILLE	MAX	45	60	65 37	48 28	55 36	52 35	35 20	33 20	30	38 25	32 20	37 27	2	50 32	50 32	52 25	45 27	35 14	33 16	26	52 25	57 32	62 35	58 44	62 32	56 44	48 20	37 34	43 33	35		48.5
HEADLAND	MAX	78 47	77 49	67 54	57 34	40	59 41	58 31	34	55 41	32	28	30	51 30	38	57 42	59 37	56 40	45 28	49 21		52 31		36	67 41	68 36	74 42	65 47	50 35	36	49 34	33	57.4 36.5
HIGHLAND ROME	MAX	54	72 52	69 53	54 30	53 40	58 46	58 27	49 34	48 39	41 29	40 25	54 29	49 29	46 37	53 42	55 33	55 36		46 19	55 30	57 29	62 32		69 41	67 41	69 47	67 33	47 34	46 34	46	29	55.8 34.5
HUNTSVILLE WB AWY	MAX	65 36	68 59	63 34	44 27	55 37	50 27	31 22	35 19	41 30	32 25	34 25	35 29	42 29	50 33	50 38	47 23	38 21		36 13		47 19	55 31		59 36	61 28	60 28	38 23	36 33	43 35			46.7 28.5
LA FAYETTE	MAX	75 44	75 45	65 50	54 29	53 35	54 40	57 26	40 28	45 36	39 29	39 24	48 26	48 26	44 33	47 39	50 28	54 33	42 19	46 18	55 28	46 21	60 24		65 37	68 33	68 33	62 31	44 27	38 28	43 36		52.9 31.2
LIVINGSTON	MAX	78 47	74 62	70 44	50 30	61 37	56 33	39 27	44 33	49 38	47 29	41 22	51 24	51 28	48 38	50 40	49 32	53 35	48 21	49 18	51 26	47 25	62 24	63 29	69 36	68 28	71 38	60 29	40 35	44 37	50 42		54.5 32.7
LOCKHART	MAX	77 48	79 59	73 57	59 33		56 45	60 29	47 31	53 45	56 31	47 28	45 31	58 31	54 38	50 43	60 43	60 42	57 27	45 22	50 29	58 33	52 39	61 34	68 39	67 39	68 44	74 45	50 42	45 40	45 41		57.2 38.0
MADISON		60 38		68 54	55 25		57	49 23	30 23	36 24	42 30	33 24	30 24	35 29	43	46 35	50 25	49 25	40 15	34 15	38 16	42 20	50 21	57 32	63 32	64 35	64 36	60 22	39 23	38 35			47.4 28.7
																												1					

DAILY TEMPERATURES

ALABAMA DECEMBER 1950

ble 5-Continued		_					•		D.	AI.	LY	T	EM	IPE	:R/	41.0	JR	ES													DECE		1950
Stat. n																Day o	of mo	nth	-7														Average
		1	2	3 .	4	5	t .	7	8	٤,	10	11	12	13	14	15	16	17	151	10.	30	21	22	23	24	25	26	27	28	29	30	31	Av
ARION JUNCTION 2 NE	MAX	77 45	7.2 55	67 10	51 27	34	52	41 27	45	46 25	19 25	30	50	49 26		50 42	51 31	54 3 <i>n</i>	16	47 17			60 26	6.5 28	68	67	73 39	5h 31	44 34	46 35		53	53. 6 32.1
AXWELL FIELD	MAX	76 46	72	62 43	52	56 13	581	41	48	46	40	39	51 28	48	44	50	52 34	54 34	40	44	53	48,	56	62 32	65	65 35		4.6 3.5	41	46	18	51	51.4 34.6
OBILE WB AIRPORT	MAX	77] 52	73 63	65	56	62	61	46)	61	59	50	48 25	61 31-	58	58 43	61 45	58	61	46	52	57. 36	48	62	67	68	68:	74 ,	60 34	54	51	49	55 33	58.9 36.9
OBILE WB CITY	MAX	71 55	70 63	64 45	55	60	80	47	60	60	50.	49	61 42	59	55 44	59 19	58	59 42	46	51	56 41	51	62 44	67	69	67	69 53	60 40	54 46	50	50 42	54 34	58,2 10,9
ONTGOMERY WB AP	MAX	77 44	73	62 42	52 31	55 33	58		48	46. 30	40	39 28	52 25		45 38		54 32	34 (3)	41 24	45 19		50 27					70 38		43 54		18	54	53,5 32,8
ONTGOMERY WB CITY	MAX	76 49	72 59	62 42	52	55 43	58 33	41 28	47 35	46 33	39 31	38 28	51 31	49 33	44 38	52 42	52 34	54 36	41	45 24	54 30	49 31	60 34	65 36	66 41	67 42	68 36	46 34	41 34	46 37	47	54 32	52,8 35,7
USCLE SHOALS CAA AP	MAX	71	70 63	64	44	56 38	47	26 21	34	40	35	30	37	43	52 36	52	48	39	35 16	35 16	41	48 25	57 35	63 33	60	61 27	58 26	35 20	36 ¹	43	46	48	46.9
NEONTA	MAX MIN	55 3 (72	70 31	53 27	47 30	58	52	36	37 38	37 27	34 23	34 25	37 30	44 32	45 36	47 22	50 22	45 15	35	40 18	46 18	44 23	57 24	66 °	65 34	64 24	62 25	45 27	36 31	41 35	42 24	48.3 27.9
ZARK	MAX	78 50	75 55	68 54	55 34	55 39	58 45	58 29	50 33	52 41	48 31	43 28	58 30	54 30	51 38	56 42	59 36	57 39	45 25	47	57 30	54 30	65 35	69 38	67 43	69 39	72 44	69 43	50 35	44	17	55 31	57,6 36,9
ELL CITY	MAX,	60 36	68 47	72 52	53 26	50 28	58 36	48 23	40 32	40	38 25	41 27	43 34	44 34	42 33	44 32	43 24	52 28	47 20	34	39 21	45 24	43 32	54 34	66 34	68 34	66 29	67 29	45 27	38 30	46 36	42 26	49.5 30.2
RATTVILLE	MAX	75 41	71 50	64 51	55 32	55 37	55 36	47 26	45	47	40 25	40 28	51 25	49 28	44 38	51 42	52 34	53 34	46	44	51 24	48 28	59 30	65 29	65 31	65 30	68 35	57 34	46 34	45 35	47	53	53.3 33.0
USHMATAHA	MAX	73	78 58	78 53	60	52 34	60	50 36	40	47	54	45	43 34	50	56 24	46	56 29	56	52	42	44	54	47 35	60 21	65 °	67			94				55.0 32.5
OBERTSDALE 7 E	MAX	76	73 61	68	56	60	64	47	60	61	52 35	47	60 33	59 34	56 12	61	61 4"	58 41	54	51	60	52 13	59 10	66	68	68	74	66 41	58 41	51 43	52 41	55	59.8 39.6
OCK MILLS	MAX	72 4	70 52	66	53	54	52 10	52	41	45	38	39	50 31	45	50 4^	49	52 37	53	40 10	45 1 i	52 .0	44 18	59 26	65 ?"	64	65	63	57 30	44 38	40 32	45 38	55°	52.2 30.3
AINT BERNARD	MAX	58 20	70	73	53	45	57 .	50	35	35	40	34 24	34 27	35	45	47	49	50 29	41 15	32	37 1 i	43	46	57 //	64 25	64	62	59	42	36 32	42 ' 34	45 21	47.7 26.5
AND MT STATE FARM AP	MAX	72	66 (64	50.	56	48	45	35 !	35	35	30	34	40	46	46	45	111	35,	4]	41	3-	. i	€ (1 7 %	5 20	50	1(1	5f 24	3.,	40 31	4.0 37	48 25	.7.4 29.2
COTTSBORO	MAX VIV	62 31	68 15	64 12	4-	11	1	1	30	300	21 21	٠ ۲,	3.5 2.7	1.7	50 53	51 35	13	42	1.7	13	46	35	35 25	** <u>;</u>	61	61 20	60 33	45 26	16	45	44	50 21	47.9 27.5
ELMA	MAX	79 4"	74	71	*yt	+ 1	45	40	11	101	4£ 24	41	55 27	1	-1 50	53 44	51	, , ⁵ 4	31	S: 22	5. 35		6.1 31	€ 14 3 €	70	70 32	73 39	61 33	17	44	, 6 43	5% 30	57.1 35.3
ALLADEGA	MAX VIN	74 17	71 66	65 51	3 Jh	F	1.21	55 24	4.3	¥1 34	21	23	4 C 3 O	17 33	11	41	,3 2"	27		10	56 21	1"	31		31	(17 26)	67 36	57 29	4.1	1"	43 40	52 25	31.7 30.7
HOMASVILLE	MAX	73 57	72 61	65 41	51 31	56 39	54 ¹ 33	42	50 34	51 35	40	42 24	54 34	50 32	45 39	51 43	53 35	54 38	41 24	51 21	54 37	50 32	61 31		67 42	68 40	72 49	32	4.3	44	17	52 32,	51.2 36.5
ROY	MAX	74 39	76 53	71 56	60 30	51 35	54 43	58 28	42	50 36	48	41 26	41 25	53 29	50 33	46 39	52 33	55 36	54 24	40 22	45 26	54 31	52 33		66 42	65 40	67		50 33	38	45 34		54.1 34.2
USCALOOSA CAA AP	MAX	76 41	74 61	65 38	50 30	60 33	49 28	38	41	45 28	39 25	37 22	46 23	48	44 37	50 33	50 30	52 31	39 20	44	50 22	48 23	61 25		67 35	66 28	59 35	43 27	40 35	45 38	49		51.5 30.1
USKEGEE	MAX :	66	78 53	72 57	63 31	53 35	55 43	56 29	48	56 39	55 27	39 27	39 25	52 27	49 31	43 39	50 30	54 35	54 23	41 20	44 23	53 26	44 27		61 28	65 39	70 33	68 34	58 27	38	48		54.2 32.5
NION SPRINGS	MAX	75 46	71 55	69 52	54 31	57 41	56 45	56 28	49	48 41	42	40 26	55 27	50 28	47	49 42	56 32	56 37	48	45	54 28				67 35	68 32	66 45	64 36		46	46	54 29	55.3 34.6
WIVERSITY	MAX	73 48	70 59	60 36	48 28	59 35	47	37 25	38 31	42 28	36 26	35 22	42 24	45	41	46 32	47 27	48	37 19	44 19	52 25	48 28	61 32	67 30	68 42	65 32			39 35	44	47 34		49.7 30.8
ALLEY HEAD	MAX	67 29	65 45	66 40	54 24	55 28		46		37 29	31 26	33 23	36 24	43 24	46 32	46 37	52 16	52 16	42	40				60	62 30	53 33	53 28		40	43			48.4 25 6
ETUMPKA	MAX	76 41	71 59	64 48	52 33	56	57 47	47 29	44 35	45 35	40 28	40 28	53 26	48	44 38	51 43	53 32	54 34	40 23	43 20	53 24	49 25	58	64 29	66 31	66 33	68 38				48 43		53.3 34.1

EVAPORATION AND WIND

AUBUE

0																Day .	of mou	ath														
Station	i	2	3	4	5	6	7	В	9	10	1)	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	↑ to:
EN																																1.97
HOPE																																B1 15

				Tempe	erature									Precipitati	on				
		_			I		1 10	No. o	f days		-	5.		Snov	w, Sleet, Ha	ıl	No	o of da	ys
Station	Average	Departure from normal	Highest	Date	Lowest	Date	Degree days	Max. 90° or above	Min. 32° or below	Total	Departure from normal	Greatest day	Date	Total	Max. depth on ground at obsn.	Date	.01 or more	.25 or more	1.00 or
JULY 1950																	1		
MOBILE WB CITY	80.5	9	93	31	69	10	1	12	0	11.46	4.57	1.66	7	0	0		19	11	5
AUGUST 1950																			
GREENSBORO MARION JUNCTION	79.5 78.5M	7	99 95	24	62	5+		21 20	0	5.23 2.69	.84	2.36	31 31	0	0		9	3	3
SEPTEMBER				į .	t														
GREENSBORO HEADLAND LIVINGSTON	73.8 74.4 73.6	- 2.3	92 91 92	20 13+ 4	54 56 51	25 6 25		7 7 5	0 0	3.22 1.60 6.43	.14 4.01	1.23 1.10 1.69	7 6 2	0 0	0 0		11 3 12	4 2 6	1 1 3
OCTOBER 1950				i										1					
HEADLAND	68.8		85	15	34	31	23	0	0	.80		.30	18	0	0		6	1	0
NOVEMBER 1950																			
GREENSBORO HEADLAND ONEONTA	52.3 52.8M 45.2	- 2.7	87 84 85	1 1+ 2	12 20 2	25 24 25	392 368	0 0	11 9 17	2.22 .52 2.04	92	.63 .22 .96	4 20 21	0	0		6 4 5	4 0 2	0 0

Table 3]	DA	III.	Y]	PRI	EC	IPI	TA	ITA	10	1											DE	AL	ABAMA DATA
Ct-1															Day	y of m	onth															Total
Station	1	2	3	4	5	6	7	8	9	10	11	12	13	14	I5	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	To
JULY 1950	1																							1		1						
MOBILE WB CITY SEALE 7 WNW				.29	.83	.84	1.66			Т	1.48	1.77	. 04	.38	.01	.04	.12			.20	.03			.01	.18	1.21	. 94	1.04	.39			11.46
AUGUST 1950	1																												1			
GREENSBORO MARION JUNCTION MERTZ 3 E SEALE 7 WNW		. 02	.19	.20						Т		2.60			T .24	.02 1.15		T	.03				2.60		.01	1.39	.03	1.25	.06	. 09	2.36 2.00 3.36 .40	5.23 2.69 5.04 6.90
SEPTEMBER 1950																																
GREENSBORD LIVINGSTON MONTEVALLO SLOCOMB SEALE 7 WNW	.91 .56 1.90	.37 1.69		.38		1.58	1.23 1.32 .56 1.31	.03	.02 .04 .10	.58	.16	.11	,12 1,10 ,12				.72	, 94			.80	.03					.02	.03	.18	.10		3.22 6.43 4.54 3.43 1.21
HEADLAND						1.10			1													. 48						.02				1.60
OCTOBER 1950																																
BEADLAND SEALE 7 WNW								.02	1,50								1.00	,30	.16	.04	.80	.11							.20			.80 3.50
NOVEMBER 1950																																
CARBON HILL CHILDERSBURG CLAYTON GREENSBORO HEADLAND			.70 .61 .15	.65 .03						.13					.65	.50	.03			.54	,52			.70	,10					.43		.81 1.13 2.22 .52
ONEONTA				.58						. 22						.24					. 96				.04							2.04

CORRECTIONS

MONTH: JUNE 1950

Table 3: Dansville CAA AP

Table 2: Maxwell Field

Delete dash on the 11th, should be 0.

MONTH: JULY 1950

Righest temperature should be 96.

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ALABAMA DELAYED DATA

						Α.	М Но	ur endı	ng									P. M.	Hou	endin	g				
Station		1	2	3	4	5	6	7	8	9	10	11	12	1	2 3	3	4	5	6	7	8	9	10	11	12
AUGUST 1950		1			İ			1						-2D-											
UNTSVILLE WB AWY	6	1			1			l						1	*	·	*	*	*	.32	*	*	*	*	
MISVILLE WB AWY	6	.2	7											-3D-											
								1						-9TE-											
NTSVILLE WB AWY	6	1			*	9		.16	9		*	*	9	.04		-						*			*
														-10TH-											
UNTSVILLE WB AWY	6	.21	7 *	- 9			*	.41																	
														-15TH-					. 1	o d					
NTSVILLE WB AWY	6				1			1						-16TH-			*		. 1	.06	*	Ť			
		.03	,					,					9	.01											
NTSVILLE WB AWY	6	.0.	>		1				•	•	1	•	-	-25TH-											
NTSVILLE WB AWY	6	1			1			1						.02		-			1						٠
THE PART OF THE S					[-26TH-		1									
RTSVILLE WB AWY	6	.10	3 0					.04						.03											
														-28TB-											
JNTSVILLE WB AWY	6	i													* 1				*	.05	0	*			
					,									-29TH-											
UNTSVILLE WB AWY	6	.30) +	0				. 67		0	*		*	.31	0 1		٠	٠	*	.15				*	
														-30TH-											
INTSVILLE WB AWY	6	1 .70) *			*		.01																	
														-31ST-											
UNTSVILLE WB AWY	6				0			1.60						.38		-									

DAILY TEMPERATURES

DELAYED DATA

Table 5																																	
Station																Day	of mo	nth															Average
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
JULY 1950																																	
MOBILE WE CITY	MAX	92 70	89 73	88 71	87 73	85 74	86 74	82 71	86 71	83 71	90 69	80 72	80 71	85 72	85 74	87 77	88	88	91 74	91 75	90 78	91 73	92 71	91 73	91 74	90 76	87 73	83 71	85 72	90 74	89 73		87.6 73.3
AUGUST 1950																				•													
GREENSBORO	MAX	92 70	91 69	89 69	86 69	84 62	89 65	91 62	92 66	88 70	90 69	92 70	94 69	95 69	96 70	94 72	92 70	95 70	93 69	90 69	89 67	91 64	89 62	92 62	99 65	89 69	91 69	94 67	92 70	91 71	81 72		90.9 68.0
MARION JUNCTION	MAX	91	92 64	89 71			89 59	90 60	91 64	90 67	91 66	93 69		95 68	95 68	95 70	90 70	94	95 68	91 68	86 65	89 64	88	91 60	95 62	92 67	86 68	72 66	91 69	90 69	81 70		90.1 66.9
SEPTEMBER 1950																																	
GREENSBORO	MAX	87 72	87 74	91 69	90 70	86 69	77 60	71 57	62	74 64	84 67	89 67	90 68	89 67	85 67	84 65	89 64	83 67	91 63	91 65	92 66	90 67	86 59	79 59	84 57	82 54	81 56	72 63	73 63	71 62	80 67		83.2 64.3
HEADLAND	MAX	83 73	89 71	88 70	87 72	83 72	76 56	69 59	79 63	77 64	86 59	87 56	88 69	91 66	90 68	89 65	90 65	90 65	90 64	89 64	90 65	89 64	91 70	83 62	85 59	80 62	82 59	82 59	75 59	78 64	79 65		84.5 64.3
LIVINGSTON	MAX	90 71	80 73	91 68	92 70	83 67	79 58	73 60	71 63	75 65	85 67	88 65	89 67	88	86 66	84 65	88 64	80 68	89 61	89 65	90 64	91 66	87 72	78 59	83 56	82 51	80 51	75 65	73 63	71 62	78 68		82.9 64.2
OCTOBER 1950																																	
HEADLAND	MAK	82 66	8.3 64	84 60	84 66	80 52	73 53	84 52	80 63	75 55	46	83 51	84 55	82 53	82 49	85 50	58	76 63	7.5 64	64	79 63	78 63	84 64	83 66	81 65	83 54	83 58	84 58	87 59	84 57	80 50		80.2 57.3
NOVEMBER 1950	1																																
GREENSBORO	MAX	87 59	84 57	67 50	51 40	62 35	73 35	76 43	80 49	79 56	58 40	55 37	63 26	69 32	70 36	78 50	70 56	65 41	69! 31	77 50	73 50	61 29	72 32	74 38	57 25	27 12	57 18	59 28	54 25	57 23	73 35		66.6 37.9
HEADLAND	MAX	84 57	80 50	70 34	58 33	70 34	74 39	79 40	81 50	70 40		55 54	65 36	67 38	76 45	80 53	75 52	67 32	74 34	8 4 46	61 33	67 34	74 28	31 28	55 20	57 29	53 27	56 25	60 30	70 35	76 34		67.8 37.7
ONEONTA	MAX	83 51	85 50	80 51	60 38	44	55 30	70 33	72	76 57	75 36	46 29	48 21	58 22	65 25	64 30	72 51	66 38	60 25	60 38	67 50	68 25	55 29	57 30	70	27	24 5	45 5	49 17	42 · 16	49 21		69.7 30.6

Station	ON County	WE	bser- ation ime Observer	Refer to tables	Station	County	Drainage † Latitude Longitude	Observation vation Ume Observer Observer	Refer to tables
AGREVIL'SE ADDISON ADDISON ADDISON ADDISON ADDISON ADDISON ADDISON ADDISON ADDISON ADDISON ANDALOSI ANNALOSI ANNALOSI ANDALOSI AN	0008 HERRY 0063 WINSTON 0071 LAWRENCE 0140 WILCOX 0148 MARSHALL 0163 TALLAPOSSA 0178 PICKENS 0252 COVINGTON 0272 CALBOUN 0338 WINSTON	4 31 34 85 15 455 2 34 13 87 10 2 34 25 87 19 1500 1 32 14 87 25 175 12 34 16 86 13 1114 84 11 32 59 85 28 860 51 13 33 08 88 10 6 31 19 86 30 346 84 7 33 35 85 51 599 WH		3 4 3 3 5 5 2 3 3 4 5 3 4 5 3	MADISON MAGGELLA MAGNOLIA MARION 1 SSE MARION JUNCTION MARION JUNCTION 2 NE MARTON JUNCTION 2 NE MARTIN DAM MATWELL FIELD MEDVIN MEDVIN MEXTZ 3 E	4976 MADISON 4996 JEFFKASON 5004 MARENGO 5108 PERRY 5116 DALLAS 5121 DALLAS 5121 DALLAS 5140 TALLAPOOSA 5202 MONTGOMERY 5384 CHOCTAW 5382 BIBB	12 34 42 86 46 3 33 30 86 51 1 32 08 87 39 3 32 37 87 18 3 32 26 87 14 3 32 28 87 13 11 32 40 85 55 1 32 25 86 25 13 31 56 88 27 3 22 53 87 20	573 7A 7A ROBERT E. THUE 654 8A.ALABAMA POTER CO. 858 8B.D.B. T. B. GALLARD 264 8A MES MARGANIT SMITH 260 9F 9F ALA POLY. INST. 340 6A ALABAMA POTER CO. 85 MLD MID U.S. ARMY AR PORCES 7A JOHN K. LAMD 600 80 U.S. POREST SERVICE	2 3 5 3 4 3 4 3 2 3 5 2 3 5 3 5
ASPLAND ASRVILLE ADMENS ATMORR STATE FARM AUBURN SCS 10 AUTAUGAVILLE BARTO * BAY MINETTE GLATRICE	0369 CLAY 10377 ST. CLAIR 0390 LIMESTONE 0402 ESCAMBIA 0422 LEE 0440 AUTAUGA 0546 COLBERT 0583 BALUWIN 0616 MONROE	11 33 16 85 50 880 17 33 50 86 16 880 12 34 48 86 59 709 41 32 36 85 30 732 81 32 36 86 39 12 34 43 87 52 463 930 53 87 47 288 71 31 44 87 13 230	A 8A MRS, MARTHA I. MOORE MID SOIL CONS SERVICE 6A J. B. NEIGHBORS 7A TVA-462	3 4 3 3 4 5 6 3 3 4 3 3 4 3 3 4 3 3 4 3 3 5 6 3 3 6 3 3 6 3 3 6 3 6 3 6 6 6 6	MIDWAY MILLERS YERRY MILSTEAD MITCHELL DAM MOBILE WB AIRPORT MOBILE WB CITY MONTE SANO MONTSVALLO MONTGOMERY WB AIRPORT MONTGOMERY WB CITY	5397 BULLOCK 5417 WILCOK 5439 MACON 5465 CHILTON 5478 MOBILE 5483 MOBILE 5529 MADISON 5537 SHELBY 5550 MONTGOMERY 5555 MONTGOMERY	4 32 04 85 32 1 32 06 87 22 11 32 27 85 54 7 32 48 86 27 9 30 41 88 15 9 30 42 88 02 12 34 45 86 31 3 33 06 86 53 1 32 18 86 24 1 32 23 86 18	480 MID MATEEV W. BALL 206 BA T. C. CARE 305 BA ALABAMA POWER CO. 212 WID WID U.S. WEATEER SUREAU 10 MID WID U.S. WEATEER BUREAU 1650 TA TWA-530 188 MID MID U.S. WEATEER BUREAU 20 WAN P. JUSTER BUREAU 20 WID JUS. WEATEER BUREAU 20 WID JUS. WEATEER BUREAU	3 3 4 5
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1 - 1-ALABAMA: 2-BLACK WARRIOR; 3-CARABA: 4-CHATTAROOCHER; 5-CHOCTAWHATCHER; 6-CONECUH; 7-COOSA; 8-ESCAMBIA; 9-GULP; 10-PEA; 11-TALLAPOOSA; 12-TENNESSEE; 13-TOMBIGBEE

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Stations appearing in the Index, but for which data are not listed in the tables, are either missing or received too late to be included in this issue.

Valency otherwise indicated, dissensional units used in this bulletin are; Temperatures in 1°, precipitation and evenporation in inches, and wind movement in miles. Evaporation is assured in the standard Seather Sucreau type pan of 4 foot dissect unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 4 are from recording gages. Traces are not shown

Amounts in Table 3 are from non-recording gages, unless otherwise indicated,

Data in Tables 3, 5 and 6 are for the 24 hours ending at time of observation. See the Station Index for observation time.

- Notes of in Tables 3, 4, 6, and the Station loads. No record in Tables 2 and 5 is indicated by no entry. When hourly precipitation is missing or accumulated for neveral days, only the first and last days are shown in Table 4. And also on a later date or dates.

 And also on a later date or dates.

 Cage is equipped with a windshield.

 Station not equipped with a windshield.

 Station not equipped with recording gage. See table 4 for 6-hourly measured amounts.

 Adjusted to a full month.

 Adjusted to a full month.

 One or more days of record missing; see Table 5 for detailed daily record. Degree day data, if carried for this station, have been adjusted to represent the value for a full month.

 Daily values and monthly total from recording gage. All other data in Table 3 are from non-recording gages.

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U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

AGRII

CLIMATOLOGICAL DATA

ALABAMA

ANNUAL SUMMARY 1950
Volume LVI No. 13

AUSISTANT FIBRATIAN CLEMSON COLLEGE LIEHARF

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Arthur R. Long, Section Director - Montgomery

WEATHER SUMMARY

In the year 1950, there was much abnormal weather. January this year was the warmest since State-wide records began in 1884; there were several periods of exceptionally cool weather during the summer; and all low temperature records for November were smashed. There was an exceptionally dry period from June 11th to July 3d, followed by a wet July. The first 24 to 28 days of August were also very dry over most of the State and there was an area over Montgomery and Lowndes Counties where the longest period on record for the time of year occurred without effective rain.

The very mild winter was followed by a late spring, and cotton in the north got a late start. The peach crop was poor as a result of the mild winter and late frosts. Drought in June ruined much of the early planted corn in the south, but the yield from this crop as a whole over the State was unusually large. A mild winter followed by a wet July favored boll weevil activity and the cotton crop was short. It was a good year for grazing, despite the two periods of drought in the south and early frosts in November, but screw worms were unusually numerous among cattle as a result of the lack of hard freezes during the winter of 1949-50.

TANHARY

In all sections of the State this was the warmest January ever recorded. In the morth, freezing occurred on only three days, while most of the southern Division got by without temperatures as low as 32°.

Rainfall was heavy in the northwestern third, particularly in the extreme northwest, but light over most of the southeastern two thirds.

Winter field and pasture crops overcame the setback due to the late autumn drought, and were making heavy growth at the end of the month. Pear trees were then in bloom, but most deciduous trees did not bud out since they had not been dormant long enough.

Floods occurred in the Warrior and Tombigbee Rivers, but damage was not important.

FEBRUAR'

The exceptionally mild temperatures which prevailed during January continued through the second week of February. After the lath, temperatures averaged near normal with a slight rising trend and with daily fluctuations only moderate. Rainfall was moderately heavy in the northwestern quarter of the State, but rather light over the other sections.

Except most deciduous trees, vegetation became abnormally advanced. Growth was retarded by frosts during the last half, but there continued to be good grazing for cattle in most areas.

Field work was late getting underway in much of the north, due to wet soil.

Heavy hail occurred at Decatur on the 6th, and in three other widely separated areas on the 25th. Thundersquall damage was reported at Pushmataha on the 13th.

There was continued flooding in the lower Tombigbee.

MARCE

The month was cooler than February of this year, but no unusual extremes of temperature occurred and the normal upward trend was followed. A heavy rainstorm on the 12th produced from 4 to 5 or more inches of precipitation over the northwestern half of the Northern Division. Precipitation for the month was otherwise lighter than normal, except in the Southern Division, where rather heavy totals were reported.

Little had been accomplished in field work over much of the north during the first three months on account of continued wet soil. Pasturage continued better than normal despite a few frosts.

Considerable damage was done by thundersquall winds in scattered localities of southeast Alabama on the 8th. In Walker County on the 12th, 200 houses were damaged by wind and hail. On the 13th, wind uprooted many trees and did a small amount of other damage in the Montgomery area. A general high wind on the 27th caused some roof and tree damage over wide areas of the State.

There was moderate flooding in the upper Coosa at the middle of the month and the lower Tombigbee remained in flood most of the time.

APRIL

April was cool, the temperature fluctuated considerably, and there were some unusually late frosts. Rainfall was light over all the State except in portions of the south where some rather heavy rain fell on the 3d and 4th to bring the month's totals up to near normal or slightly above.

Farmers in the north got a late start preparing land for summer crops due to wet soil, but as the month ended, cotton planting was 75% complete in that area, cool weather was unfavorable for germination, and much had to be replanted. Pastures were held back by frosts and drying soil, and were not up to normal. Frost did considerable damage to tender truck crops.

A tornado occurred in Mobile County on the 18th.

MAY

Temperatures ran somewhat above normal. Rainfall was unequally apportioned among the different sections, but was light over nearly all the Southern Division.

Farm work progressed normally, but planting was finished somewhat late in the north. Crops made good growth, and pastures were good. Boll weevils in large numbers made an early appearance in cotton. Damage by hail occurred on the 14th in Pickens and Tuscaloosa Counties and in Montgomery County. Lightning killed a boy about 30 miles south of Montgomery. A thundersquall damaged two barms in Bullock County on the 30th.

THINE

For the State as a whole, the first ten days averaged wet and cool, and the remainder warm and dry.

The scarcity of rain after the 10th was becoming serious over about two thirds of the State at the end of the month.

The dry weather of the last 20 days was very favorable for harvesting small grains and miscellaneous seed crops, and for saving hay, and it permitted farmers in the north to catch up with field work. Early corn in the south was damaged greatly by insufficient moisture, however, and vegetable crops and pastures in the dry areas deteriorated considerably.

Lightning killed two men and two mules in Marshall County on the 20th.

JULY

July was wet, with temperatures rather mild for the time of year. Exceptionally low minima were recorded on the morning of the lst.

Farm crops and pasture grasses grew rapidly, but the rains came too late to save early corn in the south which was in the fruiting stage during the June drought which ended after July 3rd. It was an unfavorable month for cotton because the wet weather greatly promoted boll weevil activity.

There was a death by lightning at Leeds on the 14th and at Roanoke on the 2lst. Lightning damage was reported at Talladega also on the 2lst.

AUGUS

Despite a long dry spell over nearly half the State during the first 24 days, temperatures averaged lower than normal, and two exceptionally cool spells occurred.

In the south central interior portion and in the extreme southeast, little effective rain fell during the first 24 days. In much of Montgomery and Lowndes Counties, rainfall during the first 28 days ranged from only a trace to a small fraction of an inch, and it was the longest period on record in this area during August with so little rain. A gulf storm brought general rain, with mostly heavy accumulations, on the 30th and 31st.

Since there were heavy rains late in July, not much serious damage was done by drought, and the dry weather was favorable for drying hay.

Five persons were killed by lightning in three localities on the 16th, and some thundersquall damage was reported near Mobile on that date.

Considerable damage was done in southwest Alabama late on the 30th by the hurricane which moved northward along the Alabama-Mississippi line.

SEPTEMBER

This September was cooler and wetter than normal, but there were some localities, especially in the south, where rainfall after the first three or four days was very light. There was a heavy rainstorm over the Montgomery area on the 29th, which occurred under very unusual circumstances, and is considered of academic interest.

Wet weather in late August and early September was not favorable for harvesting, and considerable hay was lost, but the ground was left in fine condition for fall planting. Pastures and other vegetation held up well.

There was light flooding in the Choctawhatchee River on the lst, and in the upper Coosa following rain on the 7-8th.

OCTOBER

The month was warm and dry. Rainfall, nearly all of which fell between the 19th and 23rd, averaged 62% of normal.

The dry weather was favorable for harvesting, but the lack of soil moisture prior to the 20th was not favorable for the germination and growth of newly planted winter grains and legumes. These crops were making good progress as the month ended, however.

NOVEMBER

Record breaking low temperatures over the entire State on the 25th makes Rovember 1950 outstanding. Fourteen persons were known to have died as a result of this cold, and extensive damage was done to automobile rediators and water pipes. A cycle of pronounced temperature changes ran throughout the month, and scattered frosts appeared in most sections as early as the 5th or 6th.

Precipitation was moderately heavy in the extreme northwest corner of the State, but grade off lighter toward the southeast, so that in the moutheastern half totals were mostly from a half inch and a half.

Dry soil and frosts made grazing very short. Appreciable damage was done to winter legumes, particularly lupine, by the severe freeze, and winter collards were practically wiped out in the north.

DECEMBER

December was characterized by moderate rainfall and frequent frosts and freezes, so that the wild pasture grasses and weeds that normally persist in growing were not able to put out any after being completely killed to the ground in November. Little field work was accomplished during the month except some plowing in the south and making preparations for planting Irish potatoes on the coast.

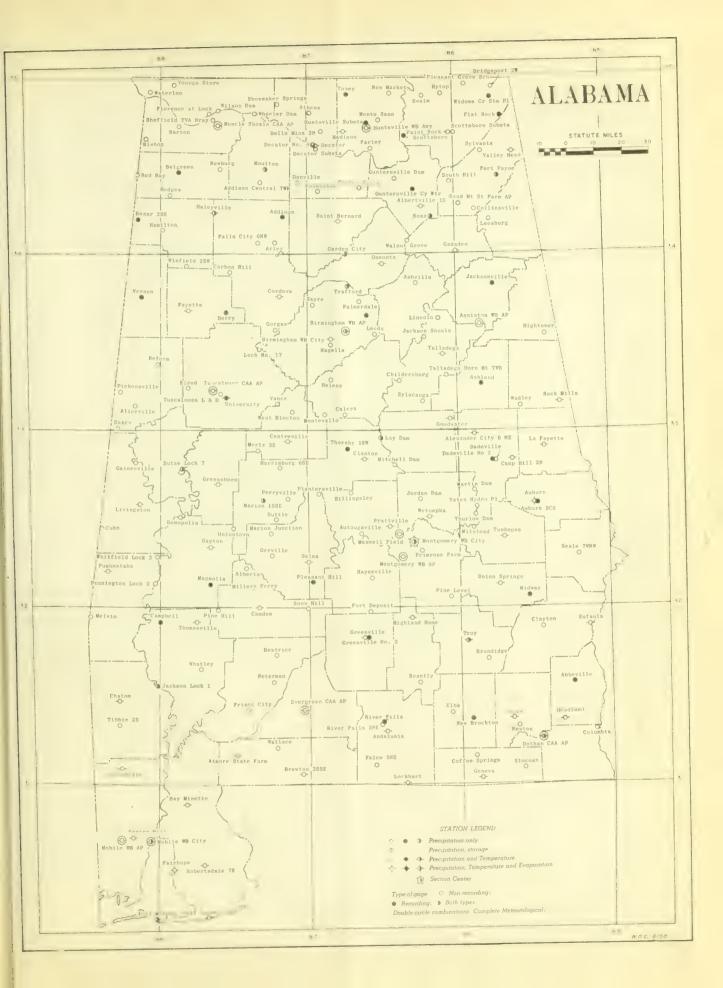
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ACENOWLEDGMENTS

In addition to the climatological data from some 6,000 Weather Bureau and cooperative weather stations, this bulletin series contains records from Hydroclimatic Network Stations which were formerly reproduced in the Hydrologic Bulletin Series. The Hydroclimatic Network is a nationwide net of rain gages-mostly of the recording type which produce continuous records of pre ipitation. It was established in 1539 at the request of the Corps of Engineers, Department of the Army, to supplement existing precipitation stations in order to provide records of rainfall intensity which were essential to the planning of flood control and related works by the Corps of Engineers. This Network, now numbering about 2,000 recording, and 1,000 non-recording rain gages, has been maintained by the Weather Bureau through working funds transferred annually to the Weather Bureau by the Corps of Engineers. These transfers averaged about 2525,000 per year between 1940 and 1944, and nearly \$375,000 since that date. For the years 1940-42, the Department of Agriculture transferred about \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred are dated \$100,000 per year to provide data required in its work, and since 1947 the Bureau of Reclamation has transferred about \$250,000 per year to move the Western States.

Previous to the introduction of this bulletin series, data from Hydroclimatic Network stations were presented in bulletins (Hydrologic Bulletins) which were issued monthly for each of 8 drainage areas embracing the entire United States, but since the Network was established to meet the internal requirements of the Federal agencies referred to above, no provision was made for public dissemination of the data, distribution being limited to cooperating agencies and to certain public repositories. A list of locations where reference copies of the Hydrologic Bulletin Series are available for inspection may be obtained upon application to Chief, U.S. Weather Bureau, Washington 25, D. C.

Many other records published in this bulletin have been made available through the cooperation of various public offices, private agencies, and individuals as listed in the Station Index.



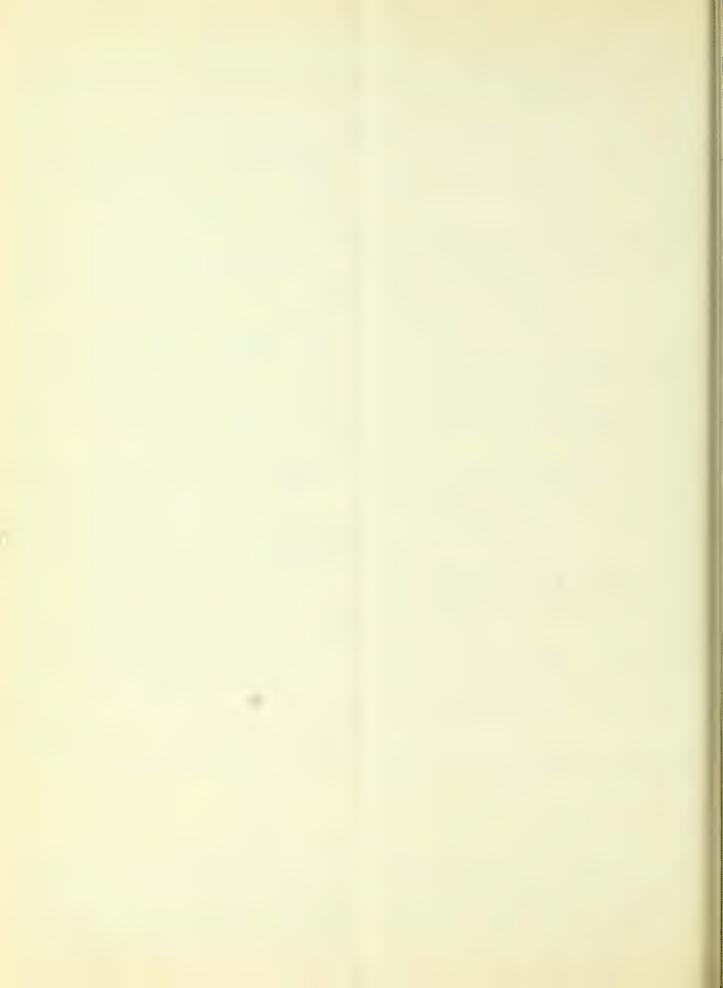


Table !

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

ALABAMA 1954

											,			1	8		Conto	mkar	Octo	har	Nous	mber	Dece	nher l	Ann	laur
	Janu	ary	Febr	nary	Ma	rch	Aş	onl .	Ma [*]	у .	Ju	ne	Ju	iy .	Aug	ust .	Septe		Octo		TAOAE	mber	Dece		71111	
Station	Tomp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Тепр	Departure	Тещр	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure	Temp	Departure
ALBERTVILLE 1 S ALEXANDER CITY 6 NE ANDALUSIA ANNISTON CAA AP ATMORE STATE FARM	55.4 59.3 64.9 57.7 66.5	11.7	50.3M 54.1 58.2 51.1 60.0	-	48.6 53.2 56.8 50.9 57.7	-	58.0M 59.4 62.5 57.7 63.8	=	71.9M 73.4 76.1 72.9 77.4	-	75.2 76.2 80.9 76.6 81.2	-	76.5 77.1 78.8 77.4 79.2	_	75.2M 75.2M 79.6 76.0 81.1¥	-	70.0M 70.8 75.1 71.5 75.8	=	63.0M 64.7 68.7M 64.8 69.7	-	44.1M 47.8 53.1 46.1 54.8	-	36.3M 40- M 46.5 39.2 48.2M	-	60 1 62.6 66.8 61.8 67.9	B - B
AUBURN BAY MINETTE BELLE MINA 2 N BIRMINGEAM WB AP BIRNINGEAM WB CITY	58.9 65.9 54.2M 58.9 60.0	13.0	53.1 59.5 49.8 52.4 55.4	5.9	51.5 56.6 50.4 51.9 55.3M	- 1.9	63.2 58.1M	- 6.7 - 3.7 - 2.6 - 2.2	76.3 72.7 73.6	4.3	78.5 80.2 75.6 76.8 78.7	.6	77.4 78.4 77.6 77.6 78.9	- 2.1	77.8 80.0 74.5M 76.7 78.5	- 1.7	71.9 75.9 70.0 71.8 73.5	- 1.5	67.2 69.8 63.2 65.8 69.0	3.4	45.34	- 6.7 - 4.6 - 4.2 - 2.9	48.9 38.7 39.9	-	67.5 60.9 62.6	- 1.6 .1 .9 1.7
RREWTOE 3 SSE CAMDEN CAMP BILL 2 WW CENTREVILLE CHATON	65,1 58.4 62,6M 63.9	-	57.6 58.2 53.0M 56.7 57.7	7,2	56.4 55.4 52.5 55.5M 55.5	6	61.3 62.3 58.1 61.7M 61.1	- 1.7	74.8 75.8 72.6M 77.5 75.0	7.0	79.0 80.0 75.7 81.1 78.0	2.6	78.1 79.4 76.2 80.2 77.9	.2	79.6 80.0 79.6 78.8	8	75.1 74.4 74.3 74.9	-	67.5 68.7 66.2 68.3 67.2	-	52.0 52.8 47.6h 49.9 52.2		47.2 45.0 40.2 40.3 46.1	- 4.4	66.1 - 65.6 65.7	1.6
CITROWELLE CLANTON CORDOYA DAYTON DECATUR	65.5 59.3 59.7 63.4 55.9	12.8	60.1 53.0 52.7 58.6M 50.5	5.0 6.7	57.1 52.1 53.7 57.0 51.1	- 2.1	63.3 58.9 59.6M 62.8 58.4	-	74.5	3.8	79.5 78.7 78.3 80.0 76.5	1.4	78.7 79.0 81.3M 79.6 78.1	- 1.1	80.0 77.6 76.0M 79.3M 76.3	- 2.3 - 3.4	76.2 72.0 72.2 74.1 71.5	- 3.5	70.4 65.5 65.6 68.2 66.7	1.3	55.93 47.5 48.5 52.4 47.6	-	40.2	- 6,2 - 3,3	67.6 63.2 63.6 66.3 62.1	3 1.2 3
DOTHAN CAA AIRPORT EUFAULA EVERGREEN EVERGREEN CAA AP FAIRHOPE	65.0 63.5 65.7M 63.8 64.0	15.1	58.1 57.4 56.4 57.3	7.4 4.5	55.8 56.1 54.5 54.4	- 3.6	62.8 61.7 60.2 61.9	- 2.8	77.2 75.5 - 75.0 75.6	2.8	81.4 61.1 79.2 79.6	.2	79.5 79.1 78.2 79.0	- 1.7	80.2 79.6 78.5 80.1	- 2,3	75.4 74.9 73.6 75.8	- 3.7	69.4 67.8 66.7 69.0			- 6.8	46.3 44.5 - 44.9 49.4			9
FAYETTE FORT MORGAN FRISCO CITY GADSUEN GENEVA	57.0 66.1 65.1 54.6 65.2	11.0	50.5 62.0 57.8 49.2 58.6	4.1	51.1 58.5 55.5 49.7 57.1	- 3.9	57.7 64.8 62.0 57.0 62.6	- 4.5	72.7 77.5 75.8 72.5 76.4	2.6	75.9 81.6 79.9 76.4 80.3	- 1.0	76.8 80.8 78.6 77.0 78.3	- 3.0	75.1 81.9 80.0 76.1 79.9	- 3.2	70.7 78.6 74.6 70.7 75.4		64.9 68.7 64.2 68.9	1.0	46.1 58.2 52.2 45.3 52.4	-	38.5 52.4 46.0 37.8 46.6	- 6.7	61.4 66.4 60.9 66.8	- 1.2
GOODWATER GREERS BORO GREERY ILLE BALETY ILLE HEADLAND	57.5 61.6 64.6 56.0	14.7	52.6 56.8 58.2 50.7M	7,2	51.7 54.9 56.0 50.7	- 1.7	58.01 61.3 62.6 57.0 62.71	- 2.8	73.4 75.5 76.8M 71.5 77.0	3.4	77.2 79.7 80.3 73.7 80.9	3.	77.6 79.6 78.4 75.8 78.8	- 1.0	76.9 79.5 78.9 73.1 79.5	- 1.6	71.5 73.8 73.4 68.6 74.4	- 2.3	66.1 69.4 67.8 65.6 68.8	1.8	47.9 52.3 52.8 46.9 52.8	- 2.7	39.8 44.4 44.2 39.5 47.0	- 4.0	62,5 65,7 66,2 80,8	1.2
RIGHLAND HONCE HUNTSVILLE WE ANY LAPAYETTE LIWCOLN LIVINGSTON	64.3 54.9 59.4 59.1 61.7	-	58.4 47.7 54.2 52.8M 56.6	-	55.9 49.1 53.0 51.0 55.1	-	61.4 56.1 59.6 58.3 60.6	-	75.0 71.7 73.4 73.0 75.1	-	79.0 75.5 76.8 -	-	78.0 77.7 76.8 78.9	-	78.4 75.5 76.6 78.7	-	73.7N 70.3 71.6 73.6	-	68.8 64.7 66.4 67.6	-	53.4 44.7 49.7 51.1	-	45.2 37.6 42.1 	-	65.9 60.5 63.3	1.3
LOCKHART MADISON MARION JUNCTION 2 N MAKWELL PIELD MOBILE WB AIRPORT	65.2 55.9 63.0 64.6	13.1	58.7 49.1 - 56.7 59.0		56.9 48.8 54.0M 55.6 56.1	- 1		-	75.9 73.4 75.0 77.3 76.1	-	80.4 76.6 78.7 81.5 80.2	£	78.2 78.6 79.2 81.2 79.0	- 1.2	79.7 76.3M 78.5M 80.9 80.7	-	75.5 71.3 73.7 75.4 76.8	-	69.1 67.5 69.3 70.3	-	53.8 45.5 50.8 51.0 54.1		47.6 38.1 42.9 43.5 48.9	- 5.3	66.9 - 66.5 67.4	
MOBILE WE CITY MOWTGOMERY WE AP MOWTGOMERY WE CITY MUSCLE SHOALS CAA A OWEDUTA	65.2 62.1 62.8 53.9 55.4	14.	7 60.0 56.0 6 57.1 0 48.5 6 49.2	5,5	53.7 53.7 55.2 3 50.4 4 49.3	- 2.6	63.4 60.7 61.9 57.6 57.1	- 3.4	77.3 75.7 76.2 172.4 372.7	2.8	81.8 79.8 8 80.4 76.7 76.1	- 3	79.4 79.4 79.7 4 78.1 7 76.8	- 2.0	81.5 79.7 79.9 75.6 75.6	1	77.2 74.2 9 74.6 3 70.5 2 71.1	- 1.7	65.4	2.1	55.2 50.0 52.0 545.5 45.2	- 3.8 - 5.1	49.6 43.2 3 44.3 1 38.1 4 38.1	- 4.5	65.2 66.1 61.0	.6
CEARE PELL CITY PRATTVILLE PUSHBRATEA ROBERTSDALE 7 E	65.2 62.2 61.5 66.0	14.	59.2 0 56.5 9 55.9N	6.4	57.3 - \$ 54.5 5 53.8 57.5	- 3.1	61.0 60.5 62.4	- 2.5	76.4 75.3 74.2 75.5	4.4	79.2 78.9 79.1	1.0	78.3 79.4 77.8 78.0		79.7 78.8 78.1 79.4		75,2 74,0 72,9 75,5	- 1.8	69.9 67.8 66.8 69.2	2.8	45.8	- 4.3	39.9	- 5. - 5.	67.2 65.2 64.6 67.2	.9
ROCK MILLS SAINT BERHARD SAID MTH STA FRM AP SCOTTSBORD SKIMA	57.9 54.0 54.5 55.9 63.9	13.	52.7 9.48.5 49.7 2.49.2 5.58.9	5.1	53.71 8 48.4 48.3 9 49.2 8 56.8	- 3.9	59.9 56.2 55.7 56.3 62.9	- 4.3	73.9 71.7 70.3 72.0 76.4	3.8	77.5 75.1 73.8 75.4 80.5		77.9 76.3 77.1 80.5	- 1.1	76.6 74.9 72.5a 75.3 80.8	- 2.1	71.9 5 70.0 68.9 1 71.3 1 75.8	- 3.4	65.1 64.3 63.8 65.2 70.0	4.0	45.6	■ - 6,0 = - 5,0	38.3	- 6.	63.1 60.0 60.8 67.2	9
SPRING HILL TALLADEGA THOMASVILLE TROY TUSCALOOSA C.A AP	59.1 63.0 62.91	13. 14.	6 58.98 0 53.1 5 57.6 8 56.9 3 54.1	5.4 7.7	2 56.78 4 52.4 7 55.4 0 55.1 0 53.6	- 3.3	58.3 61.8	# - 4.6 - 4.6 - 2.5 # - 4.8 - 2.5	76.7M 73.5 75.5 76.1 975.6	2.9	81.1 76.6 79.6 80.5 78.8	- 1.	7 78.6 6 77.3 L 78.9 9 78.9 5 79.7	M - 2.1 - 3.8 - 2.0 - 1.3	81.2h 3 75.3 79.1 7 78.7h 7 78.4	- 4.: - 1.:	3 73.48	- 3.3 - 2.5	68.5	3.	7 48.1 1 52.8 7 51.8 7 48.8	- 2.1	41.2 9 45.4 7 44.2 6 40.8	- 4.	66.0	.8
TOBERGEE UNION SPRINGS UNIVERSITY VALLEY BEAD WETURPKA	61.2 62.81 59.7 54.5 62.4	14.	0 55,9 7 - 4 53,9 6 46,9 7 56,8	6	8 53 A	. 2 :	60 5	- 4.1 - 2.8 - 2.8 - 3.7 - 3.7	3 75 1	3 3 2 . 5	7 80.0 79.3 78.4 74.0 80.2		78.8 77.7 9 79 0 8 75.4 4 79.6	- 2,1 - 3,4 - 2,4 - 1,5 - 2,1	79.0 78.0 78.1 78.1 74.0 1 79.4	- 1.1 - 2.4 - 2.1 - 2.1	73.7 4 74.4 9 72 1 7 69.5 8 74.1	- 3.6 - 1.9 - 4.5 - 2.8 - 3.4	68.7 69.0 66.0 62.7 68.4	3.3	50.9 52.3 46.7 244.4 51.2	- 3.3	3 43.4 3 45.0 7 40 3 0 37.0 7 43.7	- 3.	1 63 6	- 2

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

-	Janu	агу	Febr	iary	Mar	ch	Apr	il	Ma	у	Ju	10	Ju	ly	Aug	rust	Septer	nber	Octo	ber	Nove	nber	Decer	nber	Ann	ual
Station	Precip	Departure	Precip	Departure	Precip	Departure	Ртестр	Departure	Ртестр	Departure	Ртестр	Departure	Precip	Departure	Precip	Departure	Ртестр	Departure	Precip	Departure	Precip	Departure	Precip	Departure	Precip	Departure
ABBEVILLE R ADDISON R ADDISON CNTRL TOWER ALBERTA ALBERTVILLE 1 S	1.86 10.09 10.74 3.33 7.21	2.06	3.28 7.70 6.52 3.48 3.36	-	5.71 8.21 7.88 5.02 9.13	2.84	4.41 3.58 2.60 3.80	-1.93	2.70 2.84 3.35 7.80 4.42	21	4.66 5.17 5.36 2.89	· - -	6 50 8.84 8 55 9 63 5 47	.46,	3.79 8 89 6 47' 5 01 4 21	- 20	3 34 - 2 54 3 42,	25	1.30 1 34 1 55 2 07 1.31	-1 96	79 3 80 44 2.41	-1.31	4.80 2 10 2 92 6 14 4 02	1.34	43 14	-
ALEXANDER CITY 6 NE ALICEVILLE ANDALUSIA ANNISTON CAA AP ARLEY	3.43 10.18 2.16 4.50 10.92	65	4.81 2.40 4.43 7.57	-1.00	6.02 4.87 7.21 8.65		2.48 3.51 1.99 3.72	-2.38	3.07 3.85 2.97 3.59 6.49	. 32	3.20 3 13 1 90 5 19 6 83	1.07	6 52 7 77 8 45 6 93	:	3.58 4 20 7.62 3 51 7 50	- 54	6 10 6 15 2 13 6 06 2 58	2.39	1 96 3 39 1.13 2.31 3 00	- 31	1 68 1 88 2.92	-1.36	4 15 3.28 4.61 2.35 3.50	-2 71	45.77 70,61	-
ASHLAND R// ASHVILLE ATHENS ATMORE STATE FARM AUBURN	3.17 4.47 14.25 1.32 2.79	98	5.66 3.29 7.31 1.97 3.44	-1.78	8.55 9.57 8.61 7.80 6.51	3.47	6.41	-2.07	5.07 3.75 3.87 1.83 2.83	- 40 - 71	3 25 4 34 4 34 2 42 2 57		8 15, 10.81 7.51 13 39 7 29	5 60	3.62 4.24 8.75 7.12 2.32	-2.53	4.90 4.05 2.51 3 29 3 21	60	3 61 2.83 .84 2.78 1.41	-1.47	1.20 2.25 2.78 75 .84	-1.04	2 88 2.21 3 04 3 98 4.41	3 39	52.45 54.64 66.51 53.06 40.82	- 12 01
AUBURN SCS 10 AUTAUGAVILLE BARTON BAY MINETTE BEATRICE	2,63 17 06 1,77	-2.76	3.38 3.63 10.50 1.53 2.71	-4.25	6.25 4.95 8.26 8.59 5.68	2.97	3.73 4.03 4.04 8.26 3.48	3.18	2.43 7.43 3.29 1.88	2 79	2 60 3 62 4 53 3 45	-1 95	6 66° 12 02 5 60 16 28 11 41	7.88	3.68 7.78 9.09 2.97	2.95	2 21 4.72 2.30 3 46 2 85	-3 04	1 47 1 34 1.35 2.55 1.50	-1.80	99 1 02 3 18 1 03	-1.87	4 34 5 59 3 17 5 95	68	40,37 71 06 63,84	80
BELGREEN R BELLE MINA 2 N BERRY R BEXAR 2 SE R BILLINGSLEY	12.15 10.57 - 10.61 2.50		8.87 7.03 - 8.60 3.02	-	7.33 9.16 9.44 7.10	-	3.12 3.37 5.02 1.34 2.91	-	5.49 4 06 4 81 5.54	- ,	4 29 3 74 3 12 6.43 1.90	-	10 51 7.58 5 33 2 85 12 37	- 1	10 35 6 94 9 36 6 36 5.98	-	1 69: 2 91: 3 65 3 59	-	1.37 ,53 1.82 ,78 1.59	-	5 89 3.90 2 45	-	2 85 1.70 2 92 2 48	-	73.91 61 49	-
BIRMINGHAM WB AP R BIRMINGHAM WB CITY BISHOP BOAZ BRANTLY	5,43 12,55 7,86	-1.01 09 - - -3.15	4.28 4.31 9.06 3.92 3.05	_	5.47 5.67 8.16 9.82 4.82	23 03 98	1.97 2.33 2.38 1.54 6.06	-2.84 -2.48 -2.48	4 55 4 13 8 31 4 54 1 27	60 18 - 2 68	4 97 5.57 2 45 4 99		13 70 10 16 5.75 7.43 7 08		5 49 6.40 7.48 4 54 6 30	1.23 2 14	2 50 4 07 4 62 2.62	- 88 69 - 85	2.41 4.00 1.38 1 54 63	- 01	1.69 1 88 4 36 1 97 1 24	-1 62 -1.43	3 92, 3,46, 3 54, 3 65, 4 35.	-1 22 -1 68 -	55,46 57,41 70,04	2 28 4 23
BREWTON 3 SSE BRIDGEPORT 2 W BRUNDIDGE CALERA CAMDEN	3.32	-1.62 -2.60 -1.56	6.32 3.89 4.13 3.33	1.48 -1.66 -1.08	6.59 8.60 6.45 5.90 4.91	1.55 2.64 .66 29	3.26	2.60° - .23 -1.28	2 18 3 75 1 70 5.71 3 20	1 97 43 1 65 2.37	2,63 3 90 1 20 2 06 1 75	27 -3 33	17 13 9 98 10 79 10 95 8 06	10 28 5 09 5 31 5 22	6 86 4 20 6 82 4 82 3 22	.65 14 1 45 .06	1 60 7 02 2 75 2 79 2 01:	-3 00 4 37 - 78 35	1 95 1 34 2.34 1.91	-1 24 -1 30 -1 31 59	48 2 66 1 01 .90 65	-2 55 66 -1 72 -2.31	6 02	. 76 -2 91 25 -2 52	47 10 48,91	- 5.65 - 4.41
CAMPBELL R CAMP HILL 2 NW CARBON HILL CENTER GROVE CENTREVILLE	2.86 2.71 12.77 8.39 3.39	-1.98	3.25 4.50 8.36 6.89 3.68	-	5.68 5.45 11.38 8.82 6.14	.01	3.19 4.92 3.11 2.00	-3,08	4 46 4.48 4 38 4 18 7 76	3.69	1 84 2 66 5 28 4.36 4.16	- 10.	7 57 11.81 10 07 6 61 10 90	5.18	3 35 2.69 7 52 5 14 3.89	-1.17	2 701 4.29 3.37 4.36	1.40	1 29 1 27 2.40 1 54 2.16	- 69	78 .66 2.66 1.57	-1.60	6.00 3.91 3.62 3.25 3.381	-2.17	47.76 58 323 53.45	2 40
CHATOM CHILDERSBURG CITRONELLE CLANTON CLAYTON	3.00 3.84 4.31 2.36 1.86	- 79 -2.84 -2.67	5,21	-2.25 40 -2.19	5.53 5.12 7.39 5.76 5.03	1.15 08 69	3.42 1.68 6.32 3.38 3.47	.91 -1.22 71	2 64 5 50 3 21, 5.18 4 41	-1 65 1,34 70	4 26 2 77 4 46 2 78	- 92	10 07 8 32 21 05 12 10 4 38		5 95 2.20 8 93 7.26 5.41	2.43 2.72 38	3,12 3,17 5,31 3,91 2,54	41 .92 87	1.41 2.28. 2.46 1.74 2.15	- 87 - 88 - 37	.81 .81 .93 .84 1.13	-2 34 -2.45 -1.82		1 99 1 09 -1 27	47 63 42 49 75.80 54,89	11 65
COFFEE SPRINGS COLLINSVILLE COLUMBIA CORDOVA CUBA	3.00 7.05 .80 8.34 4.53	3.15	2.40 3.85 1.97 4.99 3.63	-3.36	7.00 9.92 8.37 9.24 6.06	3.54	5.70 2.44 5.01 2.41 2.57	.93 - -2,43	2 60 4 12 4 36 4 53 3.26	55	3 20 6 26 3 06 3 80 3 54	.32	7.60 11.07 5 99 7 55 7.84	2 00	6.70 8.21 6.96 7.74 5.63		2.80° 7.28° 2.36° 1.60° 4.14°	- 1 77	70 1.34 1.28 1.37 1.19	-1.70	1 00 3.07 60 2 71 1 85	-1.91 - - 70	6 79,	- 71 -1 48	46,90 67 60 44,66 58,37 51 03	4 93
DADEVILLE NO 2 R DANCY DANVILLE DAYTON	2.69 2.40 9.96 10.83 2.80	5,25	4.15 3.52 4.54 6.83 3.28	-1.38 06	6.17 5.58 5.03 8.08 4.22	01	2.93	-1.81	5 44 4 59 5 76 4 98 7 22	2 07	2 06 2 35 4 85 4 22 1.06	-2 08 - .93	8 59 8 31 7.73 7 68 8 50	3.30	2 69 2 99 3 69 10 46 3 01	.07	4 26 3 25 7.67 2.05 4 11	5.10	1 07 90 2 37 .92 1 72	- 11	71 3 75 4 57 1 06	-2.40 53	5 63 4 16 3.55 2 13 6 31	1 57	46 12 61 43 64 96 45 79	12.60
DECATUR DECATUR NO 4 DECATUR SUBSTATION DEMOPOLIS LOCK 4 DOTHAN CAA AIRPORT			7.21 7.42 6.73 3.59 1.98		9.24 8.96 8.11 4.66 6.60	3,62 - 98 1.45	3.50 3.55 2.73 1.45 5.13	- ,98 - -3.20 .97	4 49 3 83 4 17 8 39 2.22	4 40	3,69 4,84 5 29 4 30 4,49	40	7 81 6 96 8.35 8 77 7 47	3 46 - 3 82 1.55	9,36 9 69 8 83 4,49 5,17	5.45	3.91 4.15 3.39 2.65 3.12	1.54 39 -2.04	79 } .70 2 74	26 - 2.02	3.01 4 23 3 96 1 38 84	.19	2.11 2.38 2.02 5.75 3.98	-2 93 - . 25 87	65.10 67.58 64 05 52 26 43.46	93
ELBA ELROD EUFAULA EUTAW LOCK NO 7 EVERGREEN	2.57 7.63 1.87 5.13 2.14	-2.16 -2.48 -2.36	2.48 4.42 2.92 3.55	-3.16 -2.60 -	6.65 5.01 5.21 5.62	.95	5.70 3.52 3.46 2,61	1.71 95	2 10 5 85 5 64 4 48	2.02	1.59 2.40 3 09 1.59	-3 20	11.35 7 84 7.90 6 95	1.74	8,25 7 97 4 29 3,60	4.18	2,83 4,85 3,34 3,17	- 93	88 4 10 .98 3.03	-1 99 -1.54	93 2 53 .73 2 40	-2.02	4 77 3 43 6 49 4 40	1 47	50 10 59.55 45 92 46 53	- 3.39
EVERGREEN CAA AP FAIRHOPE FALCO 5 NE FALKVILLE FALLS CITY 6 NW	1.53 1.07 1.19 10.28 8.46	-2.97	3.01 .68 1.64 5.34 5.75	-2,54 -4,41 - - -		1.62	5.09 4.59 5.08 1.95 1.75	1:05		-3 72 -2 85	1.70 4 44 2 22 5 84	-2,63 -1 87	8.42 9.04 11 75 4 39 5 40	2.32	5 13 8.11 9 83 8.12 5 99	.20	1.84 5.80 3 15 2 21 2.85	-2.08	1.99 3 52 76 1.47 2 10	- 77 - 45	1.66 1.14 1.20 3 09 2 89	-1.38 -1 98 	3.32 4.40 4 00 1.99 2 28	-1.68	43.00 50.97 55 08	12.58
	9.43 11.32 7.55 13.00 2.36	8,14	5.78 7.12				2.90 2.77 .95 2.60 3.83	-2.00	3 54 3 60 2 36 4 91 3 58	- 1	4 43 4.44	1 46 - 03 -1 43	9.04 4 68 5 82 6 74 8 03	2.12	4.61 8 35 5.08 5.89 4.98	4.11 2 03 63	2 66 4 61 7 23 2.82 3 81	1 62 03 .64	2 02	-1.49 -2.23 -1.64	3.32 3 21 2.64 4 51 1 30	1 06		-2 11 -2 03 -1.08	60 40 61 13 53.18 63 56 44.76	-
FORT MORGAN FORT PAYNE FRISCO CITY GADSDEN GAINESVILLE	4.73 5.28	-1.98	. 53 4.43 2.97 3.92 4.66	-2.28	6.40 7.17 7.07 9.47 4.61	1.93 3.20	3.97 1.95 4.25 2.30 2.77	72 -2.56	3.05 2 96 1 82 3 36 6 46	-2 77 75	3 66 3 91 4 26 2 47 3 16		6 26 7 29 13.24 8.66 6 98	-		-1.56 -2.32		1.04 2.67	1 92 1.54 1.67 2.21 2 69	-1 32 -1.10		-2 08 -1.45	6,03 3 04 3.86 2 78 4.59		47.10 55 35 51 21 49.58 50 79	- 4.37 - 5.19
GARDEN CITY GENEVA GOODWATER GORGAS GREENS BORO	2.91 7.57	-2.97 -2.36 -2.35	5.19 1.66 5.41 4.80 3.83	-3.94 20	11.06 7.47 6.23 8.44 5.35	1.76 .58	6.53 3.07 4.10 2.83	1.93 -1.53 -1.84	4 45 3 50 4 82 5.23	36 1 11 - 79	4.22 3 23 5.32 4 25 1 54	1 00	8.10 8.85 5.77 6.77 6.73	2.85 - 39 - 1.46	4 60 6,25 3 36 8,72 5,23	1.26	2.63 7.42 5.79 2.52 3.22	3.14 3 02 .14		-1.41 -1.28 - 59	2 59 .58 1.76 2.38 2 22	-2.35 -1 50 - 92	4 29 3.26	-2.06 -1.10 -1.40	50,82 50 32 45,04	- 3.38 - 4.78 - 7 62
GREENVILLE NO 2 R GULF SHORES 2 SSE GUNTERSVILLE CITY WTR R GUNTERSVILLE DAM	6.25	-2.48	3,80	-4.04 - - - - -	5.40 6.60 12.69v 8.47	31	4.77 5.94 4.95 1.85 2.04	.03	1 89 2 47 3 39 3 73	-1 98	1.37 1.67 9 36 4.08	-2 82	8 78 8 81 9.45 6.15 5.26	2.89	3 85 3.98 7.46 3 36 5.24	-1.57	3.04 2.77 2.89 3.27 4.23	- 28	.77 69 1.51 1.73	-1 77	1 39 1 38 1 66 1 74	-1.72	4.55 4.42 2.93 2.86	- 64	39.47 - 53.17 49.43	-14 69
HALETVILLE HAMILTON HARRISBURG 6 SE HAYNEVILLE HEADLAND	11.41 9.74 1.96 2.07	4.64	6.92 7.96 5.06 2.65	3,32	9.19 9.71 4.51 4.98	3.03	1.99 1.19 1.86 3.86 4.10	-3.24	4 29 3 74 2 48 4 62 1 45	- 29	5.35 5.68 - 2.46 89	2.27	8.06 5 12 8.96 13 72 3 60	_	6.10 10.43 1.76 11.62	6.15	3 13 2 85 5 88 3 84 1 60	.12	1 62 1.20 1.66 12 .80	1 55	3 27 3 52 1 66 1 06 52	- 18	2 49 2 52 4 26 3 96 4 51	-3 02	63.82 63.66 45.10	11 64
HELENA BIGHLAND HOME HIGHTOWER HODGES HUNTSVILLE SUBSTA	4.79 1.71 3.50 11.24 9.42	-3.00	4.28 2.03 5.02 9.07 5.07	-1.27 -3.61 -	5.72 5.94 6.65 - 8.14	38	4.00 9.62 2.18 1.91 3.00	~ .85 5,24 - -	5.80 3.72 4.26 9.45 2.21	1,82	7.16 2.91 4.20 6.16 5.04	-1.59	12.50 10.95 8.05 6.53 9.15	5.08	5.03 3.74 4.43 12.05 4.40	.62 -1.06 -	6.54 3.55 4.07 2.72 4.01	3,54	4.24 .89 3.49 1.71 1.31	1.20	1.77 1.80 1.48 5.20 3.04	-1.77 -1.53		-2 04	65 38 52 08 50 42 56.47	10 84
HUNTSVILLE WB AWY EYTOP JACKSON LOCK 1 JACKSON SHOALS JACKSONVILLE R	9.08 10.42 2.91 4.31 3.17	_	7.36 7.01 2.78 4.22 4.38	2.76	7,28 8,89 5,85 5,39 5,11	1,52	2.88 2.22 3.04 1.96 3.72	-1.94	1.20 3.90 - 5.84 5.25	-2.79	2.36 4.97 2.49 7.32 2.81	-	6.95 10.66 7.94 7.08 9.40	-	6.57 4.87 3.55 2.79 2.58	2.66	5.14 6.67 4.55 3.55 6.27	2.18	1.26 1.16 1.34 2.74 1.68	-2.06 - - -	3.17 3.11 .54 1.70 2.40	29	1 86 2 65 4 59 2 46 2,10	-3,55	55.11 66.53 49.36 48.87	3.15

Precip Departure
ap
Precip
52.88 - 44.79 - 33 56.18 .46 60.86 6.92
58.16 8.97 54.17 -
53.14 - - 55.25 - 47.64 -
33 46.70 - 3.71 49.07 - 00 44.91 - 6.45
47.31 45.90 - 36 50.21 - 2.12
72.87 61.96 71.50
78 44.84 40.08 -11.11 64.77 63.37 11.70 45.44
65.95 60.19 37.79 57.41 .50
49.57 - 4.35 68.65 - 43,88 -
39.43
50 06 59 61 3 4 42 14 7 84
69 04 60 26 7 50 10 4 75
2 62 49 5 82 0 45 68 8 25 11 59.83 48 42
9 60 35 7 70 58 32 0 48 31 1 94
74.14 -
61.77 - 46.62 - 55.91 - 49.51 - 4.81
6 41.64 48.64 51.27 56.2556
50.84 - 55.27 1.20 58.60 4.62 56.17 - 246.7027
2 46.69 - 2.73 8 55.73 1.74
58.93
2 53.17 1.30 44.98 - 68.86 - 39.35 -
23 6 7 8 00 8 8 00 0 8 8 0 0 8 8 0 0 8 8 0 0 8 8 0 0 8 8 0 0 8 8 0 0 8 8 0 0 8 8 0 0 8 8 0 0 8 8 0 0 8 8 0 0 8 8 0 0 8 8 0 0 8 8 0 0 0 8 8 0 0 0 8 8 0 0 0 8 8 0 0 0 8 8 0 0 0 8 8 0 0 0 8 8 0 0 0 8 8 0 0 0 8 8 0 0 0 8 8 0 0 0 8 8 0 0 0 8 8 0 0 0 8 8 0 0 0 8 8 0 0 0 8 8 0 0 0 8 8 0 0 0 8 8 0 0 0 8 8 0 0 0 8 8 0 0 0 8 0 0 0 8 8 0 0 0 0 8 8 0 0 0 0 8 8 0

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

ALABAMA 1950

Table 2-Continued

	Jan	uary	Felr	uary	Mar	ch	Apı	ıl	Ma	У	Ju	ne	Jul	у	Aug		Septe		Octo	ber	Nove	mber	Dece	mber	Ann	iual
Station	Ртестр	Departure	Ргестр	Departure	Precip	Departure	Ртестр	Departure	Precip	Departure	Ртестр	Departure	Ртестр	Departure	Precip	Departure	Ртестр	Departure	Ртестр	Departure	Frecip	Departure	Precip	Departure	Precip	Departure
FIDOWS CREEK STM PL R FILSON DAM FINFIELD 2 Sh YATES HYDRO PLANT YOUNGS STORE	14 38 10 34 2 76 16 8	_1 94	7 62 9 31 5 86 8 05	- 45	7 .9 3 39 5 74 7 30	28	3 00 2 63 4 77 1 21	36	1 55 4 73 4 30 3 35 3 28	94	3 65 3 47 2 18 1 47	1 71	7 30 6 77 5 59 11 05 6 07	5 79	4 83 8 41 8 74 1 84	-2 86	7 34 3 38 4 12 5 39	2 63	86 87 83. 1.41 1 05	-1 19	2.80 4.59 2.58 77 6.20	-2 40	2.56 3.43 2.81 4.52 3.59	-1 00	68 62 64 11 49.64	- 2.19

TEMPERATURE EXTREMES AND FREEZE DATA

m		-

Ch. et	teed	D.		Date	Las	t spring minimum	n of	Fi	ret fall minimum	of		To of days	3
Station	High	Date	Lowest	Date	24° or below	28° or below	32 or below	32 or below	28 or below	24 or below	24 or below	28 or below	32 or below
ALBERTVILLE 1 S ALEXANDER CITY 6 NE ANDALUSIA ANNISTON CAA AP ATMORE STATE FARM	96 97 100 96 101	6-16 6-26 6-28 6-18 6-27	0 5 16 5	11-25 11-25 11-25 11-25 11-25	3-10 (24°) 3-10 (24°) None 2-20 (24°) None	4- 7 (27°) 4- 7 (25°) None 3-31 (26°) None	4-21 (32°) 4-21 (32°) 4- 7 (32°) 4-21 (31°) 3-14 (32°)	11- 5 (32°) 11- 5 (30°) 11-12 (30°) 11- 5 (32°) 11- 5 (32°)	11-6 (27°) 11-25 (16°) 11-11 (24°) 11-25 (17°)	11-13 (24°) 11-12 (20°) 11-25 (16°) 11-11 (24°) 11-25 (17°)	248 247 - 264	213 - 225	198 198 219 198 236
AUBURN BAY MINETTE BELLE MINA 2 N BIRMINGHAM WB AP BIRMINGHAM WB CITY	98 98 96 96 97	6-27 6-27 6-18 6-18 6-15	9 19 0 5	11-25 11-25 11-25 11-25 11-25	None None None None None	3-31 (26°) None 4-15 (28°) 4-7 (27°) 2-17 (28°)	4-14 (31°) 3-14 (32°) 4-21 (31°) 4-16 (32°) 4-15 (31°)	11-6 (31°) 11-12 (30°) 11-5 (30°) 11-11 (27°) 11-5 (32°)	11-25 (9°) 11-25 (19°) 11-11 (24°) 11-11 (27°) 11-12 (26°)	11-25 (9°) 11-25 (19°) 11-11 (24°) 11-12 (23°) 11-24 (21°)	-	239 	206 243 198 209 204
BREWTON 3 SSE CAMDEN CAMP HILL 2 NW CENTREVILLE CHATOM	101 100 97 99 100	6-27 6-25 6-26 6-18 6-27	16 13 6 10 18	11-26 11-25 11-25 11-26 11-25+	None 2-18 (24°) None None	4- 7 (25°) 	4-16 (31°) 4-7 (31°) 4-16 (32°) 4-15 (32°) 4-16 (30°)	11- 5 (29°) 11- 5 (32°) 11- 5 (31°) 11-12 (27°) 11- 5 (29°)	11-12 (27°) 11-12 (26°) 11-12 (26°) 11-12 (27°) 11-12 (20°)	11-13 (24°) 11-25 (13°) 11-25 (6°) 11-24 (14°) 11-12 (20°)	280	219 219 248 219	203 212 203 211 203
CITRONELLE CLANTON CORDOVA DAYTON DECATUR	97 99 98 98 95	6-27 6-27 6-18 8-22 6-18	20 8 6 13 3	11-25 11-25 11-25 11-25 11-25	None None 3-10 (24°) None 3-2 (22°)	None 3-9 (27°) 4-14 (28°) 2-17 (27°) 3-2 (22°)	None 4-15 (32°) 4-21 (31°) 4-7 (32°) 4-14 (30°)	11-12 (30°) 11- 5 (32°) 11- 5 (28°) 11- 5 (31°) 11-11 (28°)	11-25 (20°) 11-12 (27°) 11- 5 (28°) 11-12 (25°) 11-11 (28°)	11-25 (20°) 11-25 (8°) 11-12 (19°) 11-25 (13°) 11-24 (18°)	- 247 - 267	248 205 268 254	204 198 212 211
DOTHAN CAA AP EUFAULA EVERGREEN CAA AP FAIRHOPE FAYETTE	102 103 99 97 98	6-27 6-25 6-18 6-26+ 6-27	17 12 15 21 6	11-25 11-25 11-25 11-25 11-25	None None None None 2-20 (24°)	None 3-10 (28°) 3-31 (28°) 3-14 (26°) 4-16 (28°)	3-14 (32°) 4-7 (30°) 4-16 (31°) 3-23 (32°) 4-21 (30°)	11-6 (31°) 11-12 (27°) 11-5 (31°) 11-5 (32°) 11-5 (29°)	11-24 (22°) 11-12 (27°) 11-12 (26°) 11-24 (26°) 11-11 (28°)	11-24 (22°) 	265	247 226 255 209	237 219 208 227 198
FORT MORGAN FRISCO CITY GADSDEN GENEVA GOODWATER	96 98 98 103 97	6-26 6-18 6-18 6-28 6-27	26 15 4 18 6	11-25 11-25 11-25 11-25 11-25	None None 3-31 (24°) None None	None None 4-16 (28°) 2-21 (28°) 4-7 (27°)	None 3-31 (31°) 4-21 (30°) 4- 7 (32°) 4-14 (30°)	11-25 (26°) 11- 5 (30°) 11- 6 (28°) 11- 6 (31°) 11- 5 (31°)	11-25 (26°) 11-12 (26°) 11- 6 (28°) 11-25 (18°) 11-24 (25°)	None 11-25 (15°) 11-12 (20°) 11-25 (18°) 11-25 (6°)	226	204 277 231	219 199 213 205
GREENSBORO GREENVILLE HALEYVILLE HEADLAND HIGHLAND HOME	99 99 92 101 97	6-17 6-18 6-26 6-27 6-27	12 18 0 20 10	11-25 11-25+ 11-25 11-24 11-25	None None 3- 2 (24°) - None	2-17 (27°) None 4-14 (28°) None	4-14 (32°) 3-31 (32°) 4-15 (31°) 3-9 (29°)	11-12 (28°) 11- 5 (30°) 11-12 (24°)	11-12 (28°) 11-12 (25°) 11-12 (24°)	11-25 (18°) 11-24 (15°) 11-12 (24°)	267 -	212	226 204
HUNTSVILLE WE AWY LA FAVETTE LINCOLN LIVINGSTON LOCKHART	95 98 - 97 99	6-18 6-26 - 6-18 6-28	1 6 - 13 17	11-25 11-25 - 11-25 11-25	2-17 (24°) None 3-14 (23°) None None	4-15 (27°) 3-14 (28°) 4-16 (28°) 2-17 (28°) None	4-21 (31°) 4-14 (30°) 4-21 (32°) 4-16 (32°) 3-31 (32°)	11- 5 (31°) 11-12 (27°) 	11-11 (27°) 11-12 (27°) - 11-12 (23°) 11-25 (17°)	11-12 (21°) 11-24 (24°) - 11-12 (23°) 11-25 (17°)	268 - - -	210 243 - 268	198 212 - 203 236
MADISON MARION JUNCTION 2 NE MAXWELL FIELD MOBILE WB AP MOBILE WB CITY	95 98 99 99	6-19 6-18 6-18 6-27 6-27	0 11 14 22 22	11-25 11-25 11-25 11-25 11-25	None None None None	3-10 (27°) 3-10 (28°) None None None	4-16 (32°) 4-14 (32°) 3-9 (32°) 2-17 (32°) None	11- 5 (29°) 11- 5 (31°) 11-12 (30°) 11- 5 (32°) 11-24 (29°)	11-11 (26°) 11-12 (24°) 11-24 (21°) 11-24 (25°) 11-25 (22°)	11-21 (24°) 11-12 (24°) 11-24 (21°) 11-25 (22°) 11-25 (22°)		246 247 - -	203 205 248 261
MONTGOMERY WE AP MONTGOMERY WE CITY MUSCLE SHOALS CAA AP ONEONTA OZARK	99 97 98 97 101	6-27 6-17 6-26 6-19 6-27	13 12 2 2 14	11-25 11-25 11-25 11-25 11-25	None None 1- 7 (24°) 2-37 (24°) None	None None 3-14 (27°) 4-14 (27°) None	4-7 (31°) None 4-14 (29°) 4-21 (32°) 3-14 (31°)	11-6 (32°) 11-12 (31°) 11-5 (32°) 11-12 (32°)	11-12 (26°) 11-24 (28°) 11-11 (25°) 	11-24 (20°) 11-25 (12°) 11-24 (8°) 	321	242	213 205 243
PELL CITY PRATTVILLE PUSHMATAHA ROBERTSDALE 7 E ROCK MILLS	98 98 97 98	6-18 6-18 6-27 6-26	13 15 20 6	11-25 11-25 11-25 11-25	None None None 2-18 (23°)	3-9 (28°) 3-10 (28°) None 4-7 (26°)	4-7 (31°) 4-16 (32°) 3-31 (31°) 4-16 (30°)	11- 5 (32°) 11- 6 (32°) 11- 5 (31°) 11-12 (32°) 11- 6 (28°)	11-12 (25°) 11-12 (27°) 11-12 (23°) 11-25 (20°) 11- 6 (28°)	11-25 (5°) 11-25 (13°) 11-12 (23°) 11-25 (20°) 11-12 (23°)	267	248 247 213	213 203 226 204
SAINT BERNARD SAND MYN STATE FARM AP SCOTTSBORO SELMA SPRING HILL	95 97 99 99	6-19 - 6-18 6-18 6-28	2 -1 1 13	11-26 11-25 11-25 11-25	2-18 (24°) 3- 2 (24°) 2-27 (23°) None None	4-14 (28°) 4-15 (28°) 4-15 (28°) None None	4-21 (30°) 4-21 (32°) 4-21 (30°) 4-7 (32°) 3-14 (32°)	11- 5 (32°) 11- 5 (32°) 11- 5 (32°) 11-12 (26°)	11-11 (27°) 11-11 (28°) 11-11 (27°) 11-12 (26°)	11-12 (23°) 11-11 (23°) 11-12 (21°) 11-25 (13°)	267 254 258	211 210 210	198 198 198 219
TALLADEGA THOMASVILLE TROY TUSCALOOSA CAA AP TUSKEGEE	95 98 99 99	6-18 6-18 6-19 6-18 6-19	5 14 12 10 12	11-25 11-25 11-25 11-25 11-25	3-31 (24°) None None None None	4- 7 (25°) None None 3-10 (28°) 2-18 (28°)	4-21 (32°) 3-30 (32°) 3-14 (30°) 4-16 (31°) 4- 7 (32°)	11- 5 (32°) 11- 5 (29°) 11- 5 (32°) 11- 5 (29°) 11- 6 (32°)	11-12 (21°) 11-12 (28°) 11-21 (28°) 11-11 (27°) 11-25 (12°)	11-12 (21°) 11-25 (14°) 11-25 (12°) 11-24 (20°) 11-25 (12°)	226	219 - 246 280	198 226 236 203 213
UNION SPRINGS UNIVERSITY VALLEY HEAD WETUMPKA	99 98 97 99	6-26 8-15 6-20 6-25	15 6 -2 12	11-25 11-25 11-25 11-25	None None 4-15 (24°) None	2-17 (28°) 2-17 (27°) 4-21 (27°) None	4- 7 (32°) 4-14 (31°) 4-21 (27°) 4- 7 (32°)	11-12 (27°) 11- 5 (30°) 11- 5 (29°) 11-12 (28°)	11-12 (27°) 11-11 (28°) 11-11 (27°) 11-12 (28°)	11-24 (21°) 11-12 (23°) 11-12 (19°) 11-25 (12°)	211	268 267 204	219 205 198 219

Station		Jan	Feb	Mar .	Apr	May	June	July	Auq	Sept	Oct	Nov	Dec	Annual	Departu
	EVAP WIND	2.47 1610	3.54 1415	5,68 2245	6.27 1383	7.95 1138	8.78 1040	* 1099	* 1183	V21.05B 1535	4.77	2.96B 1214			
	EVAP DEP WIND	2.05 .07 497	2.65 .29 695	4.34B .70 1020	4.65B 26 908	6.37 .25 364	6,33B ,13 602	5.21B 67 451	5 988 .37 552	4.74B .21 621	4.16B .48 668	2.53 .16 869			1

REFERENCE NOTES

otherwise indicated, dimensional units used in this bulletin are: Temperature in °F; itation and evaporation in inches, and wind movement in miles. Evaporation is measurthe standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by foot ollowing Table 4.

rr digit identification numbers in the Index are assigned on a state basis. There no duplication of numbers within a state. Figures and letters following the station such as (2SSW) indicates distance in miles and direction from the Post Office.

i data and corrections will be carried only in the June and December issues of Clima-

***	No record
+	Also later date (dates) or months.
//	Gage is equipped with a windshield.
В	Adjusted to full month.
E	Water equivalent of snowfall wholly
	or partially estimated, using a
	ration of 1 inch water equivalent to
	every 10 inches of new snowfall.
M	1 to 9 days' record missing; see
	monthly Climatological Data for
	detailed daily record.
R	Station equipped with a recording
	gage only.
T	Trace, an amount too small to measure.
V	Includes total for previous month.

.ption Price: 15 cents per copy, monthly and annual; \$1.50 per year. (Yearly subscripticudes the Annual Summary.) Checks, postal notes and money orders should be made to the Treasurer of the United States. Remittances and correspondence regarding subsons should be sent to the Superintendent of Documents, Government Printing Office, \$\forall ton, D. C.

W.R.P.C., Chattanooga, Tenn.--4/4/51 --- 1050

Station	N Cou	aty	Drainage † Latitude	Longitude	Elevation	rec	ord	or c	osed og yr.	Refer to tables		Station	ex No.	County	Dramage;	Latitude	Longstude	evation	rec	ord	Ope or cl dunn	g yr	Refer to tables
	Index			-	Elev	Temp.	Precip.	Month	Month				Index		Dra	Lah	Long	Elev	Temi	Precip	Month	Month	labies
ABBEVILLE ADDISON ADDISON CENTRAL TOWER ALABAMA STATE FARM ALBERTA	0008 HENRY 0063 WINSTON 0071 LAWRENC 0117 LIMESTO 0140 WILCOX		4 31 34 2 34 13 2 34 25 12 34 41 1 32 14	87 10 87 19 86 53	1500 600 175		6 10 10 2 10		JAN	2 2 2 2		LEEDS LEESBURG LINCOLM LIVINGSTON LOCKHART		JEFFERSON CHEROKER TALLADEGA SUMTER COVINGTON	7 7 13	34 1 33 3 32 3	3 86 33 1 85 45 7 86 07 5 88 11 1 86 22	636 589 510 160 290	2 52 13	34 58 2 48 13		OCT	2 1 2 3 1 2 3 1 2 3
ALBERTVILLE 1 S ALEXANDER CITY 6 NE ALICEVILLE ANDALUSIA ANNISTON CAA AIRPORT	0148 MARSHAL 0163 TALLAPO 0178 PICKENS 0252 COVINGT 0272 CALROUN	SA	12 34 16 11 32 59 13 33 08 6 31 19 7 33 35	85 52	1114 660 346 599	8	25 8 11 13 4			1 2 3 1 2 3 2 1 2 3 1 2 3		LOCK NO 17 MADISON MAGELLA MAGNOLIA MARION 1 SSE	4976 4996 5004	TUSCALOOSA MADISON JEFFERSON MARENGO PERRY	12 3 1	34 4 33 3 32 0	9 87 20 2 86 45 0 86 51 8 87 39 7 87 18	280 573 654 263	57	12 57 14 8 59			1 2 3 2 2 2
ARLEY ASHLAND ASHVILLE ATHENS ATHORE STATE FARM	0338 WINSTON 0369 CLAY 0377 ST CLAI 0390 LIMESTO 0402 ESCAMBI	(E	2 34 04 11 33 16 7 33 50 12 34 48 8 31 10	85 50 86 16 86 59	880 709	7	13 10 35 10 7			2 2 2 2 1 2 3	li	MARION JUNCTION MARION JUNCTION 2 NE MARTIN DAM MAXWELL FIELD MELVIN	5121 5140 5202	DALLAS DALLAS TALLAPOOSA MONTGOMERY CHOCTAW	11 1	32 2 32 4 32 2	6 87 14 8 87 13 0 85 55 5 86 25 6 88 27	204 200 340 165	1	13 1 26 17 10	JAN		1 2 3 2 1 2 3 2 2
AUBURN AUBURN SCS 10 AUTAUGAVILLE BARTON BAY MINETTE	0422 LEE 0427 LEE 0440 AUTAUGA 0546 COLBERT 0583 BALDWIN		11 32 36 11 32 36 1 32 36 1 32 34 1 32 34 43 9 30 53	85 29 86 39 87 52	732 463 268		73 4 7 10 2 32			1 2 3 4 2 2 2 1 2 3		MERTZ 3 E MIDWAY MILLERS FERRY MILSTEAD MITCHELL DAM	5397 5417 5439	BIBB BULLOCK WILCOX MACON CHILTON	5 1 11	32 0 32 0 32 2	3 87 20 4 85 32 6 87 22 7 85 54 8 86 27	600 490 78 206 350		10 10 20 50 14			2 2 2 2 2
BEATRICE BELGREEN BELLE WINA 2 N BERRY SEXAR 2 SE	0616 MONROE 0631 FRANKLI 0655 LIMESTO 0748 FAYETTE 0790 MARION		1 31 44 12 34 28 12 34 42 2 33 40 13 34 12	87 52 86 54 87 36	230 910 600 452	2	9 15 2 10 5			2 1 2 3 2 2		MOBILE WB AIRPORT MOBILE WB CITY MONTE SANO MONTEVALLO MONTGOMERY WB AIRPORT	5483 5529 5537	MOBILE MOBILE MADISON SHELBY MONTGOMERY	9 12 3	30 4 34 4 33 0	1 88 14 2 88 02 5 86 31 6 86 53 8 86 24	212 10 1650 462 198	79	7 80 11 10 7			1 2 3 1 2 3 2 2 1 2 3
BILLINGSLEY BIRMINGHAM WB AIRPORT BIRMINGHAM WB CITY BISHOP BOAZ	0823 AUTAUGA 0831 JEFFERS 0836 JEFFERS 0854 COLBERT 0957 MARSHAL	N	1 32 40 2 33 34 2 33 32 12 34 39 2 34 13	86 50	375 610 694 470	13	12 13 63 13			1 2 3 1 2 3 2 2		MONTGOMERY WB CITY MOULTON MUSCLE SHOALS CAA AIRPORT NEW BROCKTON NEWBURG	5625 5749 5842	MONTGOMERY LAWRENCE COLBERT COFFEE FRANKLIN	12 12 5	34 2 34 4 31 2	3 86 18 9 87 17 5 87 37 3 85 56 9 87 35	201 630 540 450 660	79 61	79 12 67 10			1 2 3 2 1 2 3 2 2
BRANTLEY BREWTON 3 SSE BRIDGEPORT 2 W BRUNDIDGE CALERA	1069 CRENSHA 1084 ESCAMBI. 1099 JACKSON 1178 PIKE 1288 SHELBY	r i	6 31 35 6 31 04 12 34 56 5 31 43 7 33 06	87 03	284 85 860 515 500	33	21 36 55 21 51			1 2 3 2 2 2		NEW MARKET NEWTON 2 NW ONEONTA ORRVILLE OZARK	5875 6121 6161	MADISON DALE BLOUNT DALLAS DALE	5 2 1	31 2 33 5 32 1	4 86 26 0 85 37 7 86 30 8 87 14 3 85 39	725 216 857 200 400	40	8 35 49 10 61			2 2 1 2 3 2 1 2 3
CAMDEN CAMPBELL CAMP HILL 2 NW CARBON HILL CENTER GROVE	1300 WILCOX 1315 CLARKE 1324 TALLAPO 1377 WALKER 1492 MORGAN	DSA	1 32 00 13 31 55 11 32 50 2 33 54 12 34 23	87 20 87 59 85 39 87 32	225 680 430 780	1 2	1 10 2 12 16	JAN		123		PAINT ROCK PALMERDALE PELL CITY PPENNINGTON LOCK 2 PERRYVILLE		JACKSON JEFFERSON ST CLAIR CHOCTAW PERRY	3 7 13	33 4 33 3 32 0	0 86 20 4 86 39 4 86 18 8 88 02 7 87 08	610 480 20	1	15 3 1 27	OCT		2 2 1 2 3 2
CENTREVILLE CHATOW CHILDERSBURG CITRONELLE CLANTON	1520 BIBB 1566 WASHING 1615 TALLADE 1685 MOBILE 1694 CHILTON		3 32 57 13 31 28 7 33 17 9 31 05 7 32 51	87 08	230 195 480 331 590	62	34 2 14 63 58			1 2 3 1 2 3 2 1 2 3 1 2 3		PETERMAN PICKENSVILLE PINE HILL PINE LEVEL PLANTERSVILLE	6370 6414 6460 6468	MONROE PICKENS WILCOX MONTGOMERY DALLAS	1 13 1 6	31 3 33 1 31 5 32 0	5 87 16 3 88 16 9 87 36 4 86 04 9 86 56	163 110 240		10 10 10 11 11			2 2 2 2 2
CLAYTON COFFEE SPRINGS COLLINSVILLE COLUMBIA CORDOVA	1725 BARBOUR 1807 GENEVA 1849 DEKALB 1865 HOUSTON 1940 WALKER		5 31 53 4 31 10 7 34 15 5 31 18 2 33 46	85 27 85 55 85 52	590 255 734 130 334		23 28 13 15			2 2 2 2 3		PLEASANT GROVE SCHOOL PLEASANT HILL PRATTVILLE PRIMROSE FARM PUSEMATABA	6521 6526 6640 6684	JACKSON DALLAS AUTAUGA MONTGOMERY CHOCTAW	12 1 1 1	34 5 32 1 32 2 32 2	7 85 55 0 86 55 8 86 28 0 86 15 2 88 21	633 281 180	52	2 6 49 30 60			2 2 1 2 3 2 1 2 3
CUBA CUBA CUBA CUBA CUBA CUBA CUBA CUBA	2079 SUMTER 2119 TALLAPO 2124 TALLAPO 2141 PICKENS 2149 MORGAN		13 32 26 11 32 50 11 32 50 13 33 01 4 34 25	88 23 85 45 85 46 88 17	215 760 730 207 595		11 38 10 45			2 2 2 2 2 2		RED BAY REFORM RIVER FALLS RIVER FALLS 2 NE ROBERTSDALE 7 E	6805 6847 6937 6942		12 13 6 6	34 2 33 2 31 2 31 2	7 88 09 3 88 01 1 86 32 3 86 33 3 87 48	627 242	21	2 13 23 7 39			2 2 2 2 1 2 3
DAYTON DECATUR DECATUR NO 4 DECATUR SUBSTATION DEMOPOLIS LOCK 4	2188 MARENGO 2207 MORGAN 2216 MORGAN 2221 MORGAN 2240 MARENGO		13 32 21 12 34 37 12 34 37 12 34 36 13 32 31	87 39 86 58 86 59	573 600 588 100	69	11 72 2 2 61			1 2 3 1 2 3 2 2 2		ROCK MILLS SAINT BERNARD SAIND MT STA FARM AP SAYRE SCOTTSBORD	7025 7157 7207 7282	RANDOLPH CULLMAN DE KALB JEFFERSON JACKSON	5 2 12	33 0 34 1 34 1 33 4	9 85 18 2 86 47 7 85 58 3 86 58 1 86 02	745 802 1195 304 660	16 44	20 44 2 13			1 2 3 1 2 3 2 2 1 2 3
DOTHAN CAA AIRPORT ELBA ELROD EUFAULA EUTAW LOCK NO 7	2372 HOUSTON 2577 COFFEE 2632 TUSCALO 2727 BARBOUR 2742 GREENE	DSA	5 31 14 10 31 25 13 33 15 4 31 53 4 32 47	85 26 86 04 87 48 85 08	322 204 252 254 114		33 23 11 67			1 2 3 2 2 1 2 3		SCOTTSBORO SUBSTATION SEALE 7 WNW SELMA SHEFFIELD TVA MRSY SHOEMAKER SPRINGS	7310 7328 7366 7415	JACKSON	12 4 1 12	34 4 32 1 32 2 34 4	1 86 01 8 85 17 5 87 00 6 87 42 1 87 12	660 358 147 505 610	71	2 26 71 16			2 2 1 2 3 2 2
EVERGREEN EVERGREEN CAA AIRPORT FAIRBOPE FALKVILLE	2758 CONECUH 2763 CONECUH 2813 BALDWIN 2832 COVINGTO 2840 WORGAN	ж	6 31 26 6 31 25 9 30 32 9 31 06 12 34 22	86 58 87 02 87 55 86 33	340 257 23 620	33	67 2 33 33 2 12		MAR	1 2 3 1 2 3 1 2 3 4		SLOCOMB SNOW HILL SOUTH HILL SPRING HILL SUTTLE	7576 7620 7671 7733	GENEVA WILCOX DE KALB MOBILE PERRY	5 1 12 9	31 0 32 0 34 2 30 4	6 85 35 0 87 01 4 86 02 2 88 10 2 87 11	225 990 175 145	38	3 13 15 39			2 2 2 1 2 3
FALLS CITY 6 NW FARLEY FAYETTE FLAT ROCK FLORENCE AT LOCK	2848 WINSTON 2867 MADISON 2883 FAYETTE 2945 JACKSON 2976 LAUDERD	LE	2 34 04 12 34 36 13 33 41 12 34 46 12 34 47	87 20 86 34 87 50 85 41	650 670 359 1380 450	16	10 1 25 12 67	JAN		2 2 1 2 3 2		SWAIM SYLACAUGA SYLYANIA TALLADEGA HORN MIN. TOWER	8012 8024	JACKSON TALLADEGA DE KALB TALLADEGA TALLADEGA	7 12 7	33 1 34 3 33 2	3 ES 13 0 86 13 4 85 49 6 86 06 8 86 04	665 548 1400 554 1919	61	12 15 12 62			2 2 2 1 2 3 2
FORT DEPOSIT FORT MORGAN FORT PAYNE FRISCO CITY GADSDEN	3024 LOWNDES 3035 BALDWIN 3043 DE KALB 3105 WONROE 3151 ETOWAH		6 31 59 9 30 14 7 34 26 8 31 26 7 34 01	88 01 85 43 87 24	520 879 554	2	51 10 9 21 67			1 2 3 2 1 2 3 1 2 3		THOMASVILLE THORSBY 1 SW THURLOW DAM TIBBIE 2 S TONEY	8204 8215 8223	CLARKE CHILTON ELMORE WASHINGTON MADISON	1 11 13	32 5 32 3 31 2	5 87 45 4 86 44 2 85 54 0 88 15 4 86 44	385 288 226 750	59	60 7 14 11 9		JULY	1 2 3 2 2 2 2
GAINESVILLE GARDEN CITY GENEVA GOODWATER GOOGAS	3160 SUMTER 3200 CULLMAN 3255 GENEVA 3399 COOSA 3430 WALKER		13 32 49 2 34 00 5 31 02 7 33 04 2 33 39	86 44 85 52 86 03	130 107 826 300	13 58	14 10 26 58 14			2 2 1 2 3 1 2 3		TRAFFORD TROY TUSCALOOSA CAA AIRPORT TUSCALOOSA LOCK & DAM TUSKEGEE	8323 8380 8385	JEFFERSON PIKE TUSCALOOSA TUSCALOOSA MACON	10 2 2	31 4: 33 1: 33 1:	9 86 44 9 85 58 4 87 37 3 87 35 4 85 42	490 590 170 152 459	43 70 52	9 55 72 24 52			1 2 3 1 2 3 2 2 1 2 3
GREENSBORO GREENVILLE GREENVILLE NO 2 GULF SEORES 2 SSE GUNTERSVILLE CITY WATER	3511 HALE 3519 BUTLER 3524 BUTLER 3559 BALDWIN 3578 MARSHALI	,	2 32 42 6 31 50 6 31 50 9 30 16 12 34 22	87 36 86 38 86 38 87 40	220 444 10 610	69	83 52 10 2 8			1 2 3 1 2 3 2 2 2		UNION SPRINGS UNION TOWN UNIVERSITY VALLEY HEAD VANCE	8446 8454 8469	BULLOCK PERRY TUSCALOOSA DE KALB TUSCALOOSA	2 7	32 2 33 1 34 3	8 85 44 7 87 31 2 87 33 4 85 36 0 87 13	485 273 225 1031	64 70 66	84 42 72 66 10			1 2 3 2 1 2 3 1 2 3
GUNTERSYILLE DAM HALEYVILLE EAMILTON HARRISBURG 6 SE HAYNEVILLE	3583 MARSHALI 3620 WINSTON 3644 MARION 3697 PERRY 3748 LOWNDES		12 34 26 2 34 14 13 34 08 3 32 48 1 32 11	87 38 87 59 87 11	611 947 498 600	14	15 14 35 10 12			1 2 3 2 2 2 2	1	VERNON WADLEY WALLACE 2 NE WALLACE GROVE WATERLOO	8605 8637 8648	LAMAR RANDOLPE ESCAMBIA ETOWAH LAUDERDALE	11 3 2	33 04 31 1- 34 0-	5 88 07 8 85 34 4 87 12 4 86 19 5 88 04	180 640 165 850 445		10 17 10 9 54			2 2 2 2 2
HEADLAND HELENA BIGHLAND HOME BIGHTOWER HODGES	3761 HENRY 3783 SHELBY 3816 CRENSHA 3842 CLEBURN 3899 FRANKLI	3	5 31 21 3 33 18 6 31 57 11 33 32 13 34 20	86 51 86 19 85 24	594 845	59	38 59 7	APR		1 2 3 2 1 2 3 2 2		WEST BLOCTON WETUMPEA WHATLEY WHEELER DAM WHITFISLD LOCK 3	8867	BIBB ELMORE CLARKE LAWRENCE CHOCTAW	7 13 12	32 3: 31 3: 34 4:	7 87 07 2 86 12 9 87 43 7 87 21 7 88 01	205 170 580 30	55	10 59 11 15 27			1 2 3 2 2 2 2
HUNTSVILLE SUBSTATION THUNTSVILLE WB AWY HYTOP TJACKSON LOCK 1 JACKSON SHOALS	4060 MADISON 4068 MADISON 4099 JACKSON 4192 CLARKE 4198 TALLADE	A.	12 34 43 12 34 42 12 34 54 13 31 33 7 33 32	86 35 86 05 88 01	611 610 1500 10 475		2 27 16 27 14			1 2 3 2 2 2 2		WIDOWS CREEK WILSON DAM WINFIELD 2 SW YATES HYDRO PLANT YOUNGS STORE	8998 9103	JACESON COLBERT FAYETTE ELMORE LAUDERDALE	12 13 11	34 48 33 56 32 34	85 45 87 37 6 87 49 4 85 54 7 87 53	612 530 468 335 790		1 2 17 60 2	APR		2 2 2 2 2
JACKSONVILLE JORDAN DAM LA FAYETTE LAY DAM	4209 CALBOUN 4306 ELMORE 4502 CHAMBER: 4603 COOSA	3	7 33 49 7 32 37 11 32 54 7 32 58	85 45 86 15 85 24	290 830 420	2	8 14 2 14			2 2 1 2 3 2													

¹⁻ALABAMA; 2-BLACK WARRIOR; 3-CAHABA; 4-CHATTAHOOCHEE; 5-CHOCTAWHATCHEE; 6-COMECUH; 7-COOSA; 8-ESCAMBIA; 9-GULF; 10-PRA; 11-TALLAPOOSA; 12-TENNESSEE; 13-TOMBIGBEE

CHANGE OF NAMES

[†] Huntswille WB AWY † Jackson Lock 1 † Newto 2 NW † Pennington Lock 2 † Wallace 2 NE † Whitfield Lock 3

Pormerly Huntaville prior to August
Pormerly Luck No 1 prior to February
Pormerly Luck No 1 prior to February
Pormerly Luck No 2 prior to February
Pormerly Luck No 2 prior to February
Pormerly Mallace prior to December
Pormerly Mallace prior to February



